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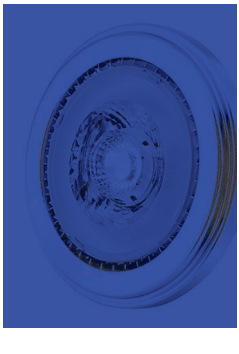
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Caratteristiche tecniche • Technical data

LED di potenza - Un LED è un dispositivo semiconduttore che, attraverso una giunzione di silicio opportunamente trattata, genera luce al passaggio di cariche elettriche - Il LED è quindi un diodo che, al raggiungimento della tensione di soglia (circa 3..5V), inizia ad emettere luce - La luce emessa è pura (monocromatica) e il colore dipende dal tipo di impurità volutamente introdotte nel silicio - I LED presentati nel presente catalogo emettono la luce bianca partendo da una luce blu che colpisce uno strato di fosforo il quale emette, poi, tutto lo spettro luminoso (luce bianca) - **L'alimentazione dei LED di potenza** - I LED di potenza sono alimentati a corrente costante e questo significa che la tensione sul LED può variare in base al colore della luce, in base alla temperatura e in base alla tolleranza di costruzione del LED stesso - L'alimentatore deve quindi controllare, con adeguata precisione, la corrente che passa nel circuito - Una corrente troppo elevata danneggia i LED in pochi secondi, mentre una corrente troppo debole ne diminuisce drasticamente la resa luminosa - Tutti gli alimentatori di questo catalogo rispettano le correnti massime previste dal fabbricante di LED garantendo ai LED stessi una lunga durata di vita - Per garantire una corrente costante, tutti i LED di un circuito devono essere collegati in serie - Un eventuale collegamento in parallelo (quello comunemente usato per le lampadine alogene) deteriora i LED in poco tempo - Le istruzioni d' installazione spiegano come collegare correttamente i LED di potenza - Nel caso in cui i LED debbano essere installati da persone non qualificate, consigliamo l'utilizzo dei nostri cablaggi già preparati.
Durata di vita dei LED di potenza - La durata di vita dipende da due fattori importanti: la temperatura di lavoro e la corrente di alimentazione - L'impiego dei convertitori QLT assicura che la corrente sia sempre nei limiti previsti e, quindi, la durata di vita dei LED è garantita da una temperatura di lavoro ottimale - Il modesto calore generato dai LED viene dissipato da uno speciale circuito in alluminio sul quale questi ultimi vengono saldati - Un impiego gravoso o la mancanza di areazione non permettono un naturale scambio di calore e, di conseguenza, la temperatura potrebbe arrivare a valori pericolosi - I limiti di rottura di un led sono relativamente ridotti, cioé 85..100° sul corpo: quindi, una corretta installazione dei LED di potenza deve essere fatta in ambienti areati e lontano da fonti di calore.
Fascio luminoso - La luce del LED, secondo la struttura del LED-Chip di potenza , é omnidirezionale - Per convogliarla, già in fase di produzione viene applicata al LED-Chip una lente in plastica, che dà al fascio luminoso un'angolazione fissa di 120° - Inoltre, per concentrare ulteriormente il fascio, sono disponibili delle lenti supplementari: lenti a fascio stretto (8÷12°), lenti a fascio medio (25÷30°), lenti a fascio largo (40÷45°)
Informazioni tecniche generali - La lunghezza e la sezione dei cavi non sono parametri critici perché, come già indicato, la corrente è costante e ha valori molto bassi (350..700mA) - Dato che l'uscita degli alimentatori è in corrente continua stabilizzata, non esiste alcuna emissione elettromagnetica, pertanto, i cavi possono essere di lunghezze considerevoli (fino anche 20..30 m) - Eventuali perdite lungo la linea vengono automaticamente compensate dall'alimentatore - Anche i convertitori devono essere installati in luoghi areati e lontano da fonti di calore - Un eventuale spegnimento dei LED dopo qualche ora di funzionamento e loro successiva riaccensione, indica che la protezione termica del convertitore è intervenuta. e ciò denota che l'installazione non é stata ben realizzata (probabilmente, l' ambiente non è sufficientemente areato) - Anche ai convertitori si deve poter assicurare una durata di vita molto lunga, paragonabile a quella dei LED e, quindi, anche loro devono essere installati in un ambiente ben aereato che preservi la vita dei componenti elettronici sensibili al calore come, ad esempio, i condensatori elettrolitici - Gli alimentatori hanno l' uscita isolata e la tensione massima non è mai pericolosa - Tutti i modelli dei convertitori QLT sono conformi alla nuova norma europea EN60347.

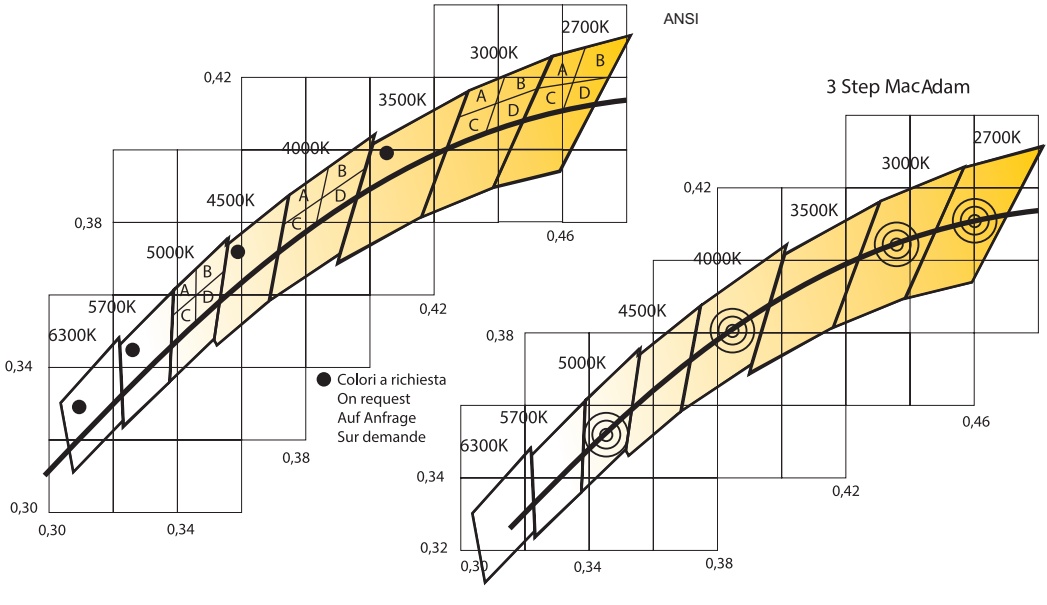
High Brightness LEDs - A LED is a compound semiconductor device that converts electricity to light by the passage of electric charges through a duly treated silicium junction - LED is therefore a diode that at a certain tension of about 3,5V starts emitting light - The emitted light is really pure (monochromatic) and the colour depends on the type of impurities which are purposely put in the silicium - The white light emitted by the High Brightness LEDs of our product range is the result of an initial blue light transformed by a phosphor layer, thus emitting the white light
Drivers for High Brightness LEDs - High Brightness LEDs work in constant current and therefore the tension on the LED may change by the light colour, by the temperature and by the construction tollerances of the LED itself - The driver must therefore control the current in the circuit with the greatest precision - A too high current destroys the LEDs in few seconds while a too low current decreases drastically its light efficiency - All the LED drivers in this catalogue respect the max. current values implied by the LED manufacturer, thus granting a long life duration of the LED applications - In order to grant a constant current, all LEDs must be connected in series - An eventual parallel connection commonly used for halogen lamps destroys the LEDs in a short time - The installation instructions explain how to connect the High Brightness LEDs correctly - Should the installation be carried out be a unqualified person, we advise to use our pre-assembled series cabling specially made for kits.
Life duration of High Brightness LEDs - The life duration of High Brightness LEDs depends on two key factors: the working temperature and current - The use of QLT drivers assures that the current always remains within the estimated limits granting an excellent working temperature The modest heat emitted by the LEDs is dissipated by a special aluminium board on which the diodes are soldered - A situation of overworking or a lack of air circulation will not permit a natural dissipation of heat possibly leading to a dangerous rise of the temperature - High Brightness LEDs have a relatively low temperature limit of 85..100° measured on the diode: High Brightness LEDs must therefore be installed in aerated rooms, far from heat sources
Light beam - Owing to the Chip structure in the High Brightness LEDs, the LED light is originally omnidirectional - In order to make the LED light more directional, just during the LED production a plastic lens is applicated to the LED chip thus granting a fixed light beam of 120° to the LED - Moreover, additional optics are available to better concentrate the light beam: narrow beam optics (8-12°), middle beam optics (25-30°) and wide beam optics (40-45°).
General technical information - The cable length and section are not critical factors because, as already explained, the current is constant and has very low values (350 or 700mA) - Being the driver's output in stabilized constant current, electromagnetic emissions never occure and therefore cables may reach considerable lengths even up to 20/30m - Eventual losses along the line are automatically compensated by the driver - The LED drivers must be necessarily installed in aereted rooms far from heat sources, as well - An eventual switching off of the LED system after some working hours and the subsequent switching on again are caused by the intervention of the thermal protection of the driver, due to a possible wrong installation (i.e. in narrow and unaereted rooms) - Also the long life duration of LED drivers must be always assured: the driver must be therefore installed in a well aereted room in order to grant the life of its components which are always very heat-sensible like for example the electrolytical capacitors. - Drivers have an insulated output and the max. tension is never dangerous - All our drivers meet the new European standard EN 60347.

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Power Led Binning

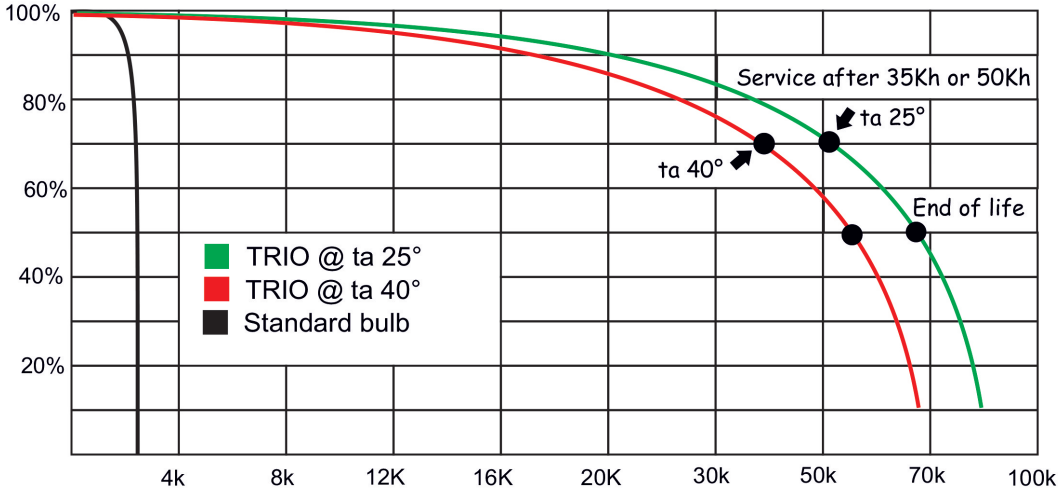
I prodotti possono essere realizzati in una gamma di colori definita, precisa, ripetibile che rientra nei requisiti internazionali per la realizzazione dei sistemi di illuminazione Led conformi alle direttive Energy Star.
Ulteriori informazioni sull'utilizzo dei differenti colori ANSI possono essere scaricate dal sito www.energystar.gov nella sezione http://www.energystar.gov/ia/partners/product_specs/program_reqs/SSL_prog_req_V1.1.pdf .
Per ogni temperatura di colore possono essere utilizzate una o più delle 4 selezioni disponibili (A, B, C, D) in modo da minimizzare le differenze visive da lotto a lotto.
I prodotti che riportano la descrizione 3Step McAdam sono realizzati in una sola selezione di colore molto precisa: il sistema elimina le differenze visive da lotto a lotto e rappresenta lo stato dell'arte nella scelta dei colori.

All products are realized in a precise and defined range of color temperatures, specified in the international requirements for making Led lighting systems compliant to Energy Star directive. Further information may be downloaded from website www.energystar.gov under the section http://www.energystar.gov/ia/partners/product_specs/program_reqs/SSL_prog_req_V1.1.pdf
For each colour temperature you can use one or more of the 4 available selections (A, B, C, D) in order to reduce the little visual differences from different batch of production.
The products which are described as "3Step McAdam" are made in a single , very strict colour selection, the system reduces the little visual differences from different batches of production. This is the ultimate technical solution for perfect colour matching.



Durata di vita del Led - LED lifetime

Durata di vita dei moduli LED - Life duration of LED modules
Die Lebensdauer von LED-Modulen - Durée de vie des modules LED
Duración de vida de los modulos LED



Standard TRIO lumen maintenance (h x 1000)

La durata di vita è uno dei vantaggi dei LED di potenza. Essi sono dei semiconduttori, quindi potenzialmente hanno una vita infinita o quasi. In realtà nel fabbricare questi componenti si utilizzano delle sostanze chimiche che nel tempo perdono di efficienza.
Come illustrato nel disegno, intorno al chip di silicio viene posta una gelatina di silicone morbido che permette il passaggio della luce e protegge il chip dalla rottura dovuta alle differenti dilatazioni termiche della lente e del supporto metallico di dissipazione. Tale gelatina, nel tempo, tende a opacizzare diminuendo la resa luminosa.
La lente di materiale plastico con il passare delle ore tende a ingiallire cambiando la tonalità della luce. Il riflettore interno si ossida riflettendo di meno. Il calore ha la proprietà di accelerare questo processo e i cicli termici di accensione/spegnimento fanno si che la vita utile sia circa la metà di quella di partenza. Il valore teorico di vita è di 100.000 ore .
La vita del LED si intende come un processo di diminuzione del flusso luminoso nel tempo, questa diminuzione fa si che un LED sia da sostituire quando il suo flusso luminoso è pari al 50% di quello iniziale, la vita operativa si ritiene conclusa quando il flusso scende sotto al 70%.
La vita di un modulo LED di potenza è quindi dipendente dalla sua installazione e dalla temperatura di lavoro.
Il grafico indica la vita prevista per un modulo LED standard a differenti temperature ambiente.
I prodotti QLT sono stati progettati per ottemperare a questi parametri : vita operativa di 35.000 ore alla temperature ambiente indicata su ogni modulo LED.
L'installatore dovrà verificare la correttezza dell'installazione msiurando la temperatura nel punto tc riportato in etichetta.

One of the advantages of Power LEDs is their life duration. They are semiconductors and therefore have an almost endless life duration. Actually for the fabrication of these components some chemical materials that with time loose their efficiency are being used. As illustrated in the drawing, around the silicium chip is placed a smooth silicon gelatin which allows the passage of light and protects the chip from breakages caused by the different thermal expansions of the optic and by the heat-sink slug. With time, this gelatin tends to get opaque thus reducing the luminous efficiency. As the hours go by, the plastic optic tends to get yellow, thus changing the shade of light. The internal reflector oxidizes and reflects less. All these processes develop over very long time periods, estimable in 100.000 working hours at the advised ambient temperature. Heat has the property of fastening these processes and in combination with the thermal cycles of on/off switchings, they lead to a practical life duration of about half of the beginning value.
With the life duration of a LED is meant the process of the reduction of the luminous flux. This reduction indicates that a LED should be replaced when its luminous flux is equal to only 50% of its initial value.
The operating lifetime ends when the luminous flux goes under 70%. The life time of a LED module depends on installation and operating temperature. The graphic shows the expected life time of a LED module when working at different ambient temperatures: the operating life duration of a LED module thus varies from 35.000 to 50.000 hours. QLT products have been realized to meet such parameters: operating life of 35.000 hours at specific ambient temperatures for every LED module indicated in catalogue and verified by the installator measuring the tc values indicated on product labels.

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Simboli utilizzati • Symbols used

Potenza assorbita dall' alimentatore o dalla lampadina o potenza del sistema
Power absorbed by the bulb or by the driver



Alimentatore a tensione costante o sistema funzionante a tensione costante
Constant voltage power supply or bulb operating with constant voltage



Alimentatore a corrente costante o sistema funzionante a corrente costante
Constant current power supply or LED module operating with constant current



Adatto ad alimentare sia dispositivi a tensione costante, sia i LED direttamente a corrente costante
Suitable for driving both constant voltage products and constant current LEDs directly



Funzionamento a tensione alternata da rete o da trasformatore meccanico a 50Hz
Operating with AC voltage mains or derived from the mains with an electromechanical transformer



Funzionamento con trasformatore elettronico
Operating with electronic transformer



Dispositivo non regolabile
Not dimmable device



Alimentatore o lampadina regolabile con dimmer sul lato primario
Power supply or LED bulb which can be dimmed with standard dimmers on primary side



Fattore di potenza
Power factor



Qualità della luce o color index
Quality of light or Colour Index



Grado di resistenza agli agenti atmosferici (IP)
Water resistance degree scale (IP)



Regolabile con segnale 1÷10 analogico, DALI, DMX
Dimmable by anologic 1÷10V signal , , DALI, DMX







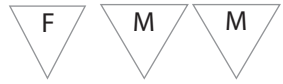
Accensione, spegnimento e regolazione con pulsante (linea a bassa tensione)
Switch-on, switch-off and regulation by push-button (low tension)



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Simboli utilizzati • Symbols used

Prodotto idoneo al montaggio su superfici infiammabili/mobili (VDE712T24)
Prodotto suitable for installation on flammable surfaces/furniture (VDE712T24)



Classe di isolamento
Insulation class



Prodotto in classe II d'isolamento per uso indipendente
Product in class II of insulation for independent mounting



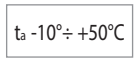
Protezione termica incorporata
Built-in thermal protection



Prodotto in classe II d'isolamento da incorparare
Product in class II of insulation to be built in



Temperatura ambiente consigliata
Advised ambient temperature



Uso interno
Indoor use



Comforme alla direttiva sulla compatibilità elettromagnetica
Compliant with EMC directive



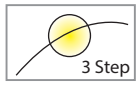
Prodotto idoneo al funzionamento AC e DC da gruppo di continuità
Product suitable for AC and DC battery operation



Classificazione secondo la norma EN 62778. I moduli LED per illuminazione possono rientrare nel gruppo 1 o in casi particolari 2.
Classification according EN 62778. led modules for lighting can belong to group 1 or , in specific cases, in group 2.



Classificazione MacAdam
MacAdams classification



I prodotti, le foto, le dimensioni, gli schemi e le omologazioni nel presente catalogo sono da ritenersi indicative e non impegnative e possono essere soggette a variazioni o cancellazioni senza preavviso da parte di QLT.

Products, photos, dimension indications, diagrams and omologations in the catalogue are purely indicative, unbinding and can be subjected to changes or cancellations without previous notice from QLT.

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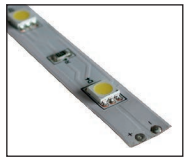
LED Strips



LED-STRIP selection table

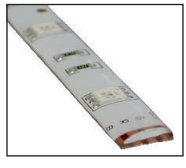
IP20: Montaggio su profili metallici per illuminazione. Per un utilizzo ottimale necessita di un involucro protettivo contro la polvere e di un supporto di fissaggio in materiale con buona conducibilità termica. Evitare le pieghe eccessive e seguire le istruzioni di montaggio ed alimentazione allegate.

IP20: Mounting on metal profiles for lighting. For a correct use a protective housing against dust and a fixing device with a good thermal conduction are needed. Avoid extreme bending. Follow provided assemblying and power supply instructions.



IP65: Montaggio su profili metallici per illuminazione. Protetta dalla polvere e dall'umidità. Da utilizzarsi in luoghi accessibili e all'interno di edifici. Non adatto ad uso esterno, né in luoghi bagnati. Per un utilizzo ottimale necessita di un supporto di fissaggio in materiale con buona conducibilità termica. Evitare le pieghe eccessive e seguire le istruzioni di montaggio ed alimentazione allegate.
Attenzione: la protezione in silicone può variare la temperatura colore del 10%

IP65: Mounting on metal profiles for lighting. Protected from dust and moisture. To be used in indoor "easy to reach" places. Not suitable for outdoor use or in permanently wet situations. For a correct use a protective housing and a fixing device with a good thermal conduction are needed. Avoid extreme bending. Follow provided assemblying and power supply instructions.
Warning: silicon protection might cause a 10% increase in color temperature



IP68: Ideale per installazione all'interno e all'esterno in luoghi bagnati. Stagne alla sommersione. Elevata resistenza alle basse temperature. NON utilizzare in luoghi secchi o caldi. Agenti corrosivi e acidi possono nel tempo opacizzare la superficie. Le giunzioni devono essere rese stagne alla sommersione. Evitare le pieghe eccessive, e seguire le istruzioni di montaggio e alimentazione allegate.
Attenzione: la protezione in silicone può variare la temperatura colore del 10%

IP68: Suitable for indoor and outdoor wet installations. Resistant to submersion. High resistance to low temperatures. DO NOT USE in dry or very hot installation enviroments. Acids and corrosive agents can damage the surface transparency. Connecting points must be protected against submersion. Avoid extreme bending.
Follow provided assemblying and power supply instructions.
Warning: silicon protection might cause a 10% increase in color temperature



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NEON FLEX selection table

NEON IP67 INDOOR: costruite con materiali siliconici di diversa opacità, offrono nuove possibilità di illuminazione lineare, efficiente ed uniforme. Autodissipanti e impermeabili, possono essere installate a contatto con il legno, il muro e in ambienti indoor dove è presente umidità. Gli accessori forniti con la striscia sono clips in alluminio e tappi di chiusura con il relativo sigillante, che consente di ripristinare il grado di protezione IP67 in seguito all'eventuale taglio.



NEON IP67 INDOOR: made of silicon materials of different opacity, offer new linear, efficient and uniform lighting possibilities. Self-dissipating and waterproof, they can be installed in contact with the wood, the wall and in indoor environments where humidity is present. The accessories supplied with the strip are aluminum clips and closing caps with the relative sealant, which allows to restore the IP67 degree of protection in case of LED strip cut.

NEON IP67 OUTDOOR: Le strisce LED NEON IP67 OUTDOOR in silicone offrono nuove possibilità di illuminazione lineare, efficiente ed uniforme. Autodissipanti e impermeabili, possono essere installate a contatto con il legno, il muro e in ambienti outdoor dove è presente umidità e acqua salata. Gli accessori forniti con la striscia sono clips in plastica e viti. Resistente agli UV e agli agenti chimici delle acque, adatto a piscine e acqua salata, resistente alle alte temperature.
In caso di taglio utilizzare solo in ambienti interni.



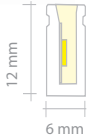
NEON IP67 OUTDOOR: NEON IP67 OUTDOOR LED strips coated in silicon offer new linear, efficient and uniform lighting possibilities. They can be cut and folded so as to be able to adapt them perfectly to the space to be illuminated. Self-dissipating and waterproof, they can be installed in contact with wood, wall and in outdoor environments where humidity and salt mist are present. The accessories supplied with the NEON IP67 OUTDOOR strip are plastic fixing clips and screws. UV and chemical agents of water resistant, suitable for swimming pools and salt water, high temperatures resistant.
In case of strip cuts, strip can be used only indoor.

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NEON FLEX - IP67 - Indoor

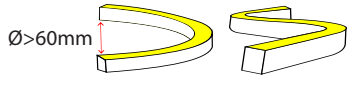
18 Watt/m | IP 67 | CRI>80 | III | t_a -10°÷ +40°C







Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N2412L027	2700K	400	120	24VDC	50mm	18W	IP67
A41N2412L030	3000K	440	120	24VDC	50mm	18W	IP67
A41N2412L040	4000K	470	120	24VDC	50mm	18W	IP67
A41KITN2412L	Kit: 10x brackets with screws, 2x caps with hole, 2x end caps, 2x glue tubes						
A41FIXN2412L	1 single fixing bracket						
BAR0612AL100	1mt aluminum profile						



Datasheet download

Strisce flessibili a LED 24V IP67

- Emissione della luce da un lato - lama di luce (tipo L)
- 120 led/m - 18W/m - LED 2835
- Movimento orizzontale (SIDE) , Ø>60mm.
- Fornite con 10 clips, 10 viti, 2 tappi per ripartenza, 4 tappi chiusura e 2 tubetti di silicone
- Strisce da incorporare direttamente senza profilo .
- Ridotta spaziatura dei LED per una luce continua senza punti
- Disponibile nei colori standard: 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

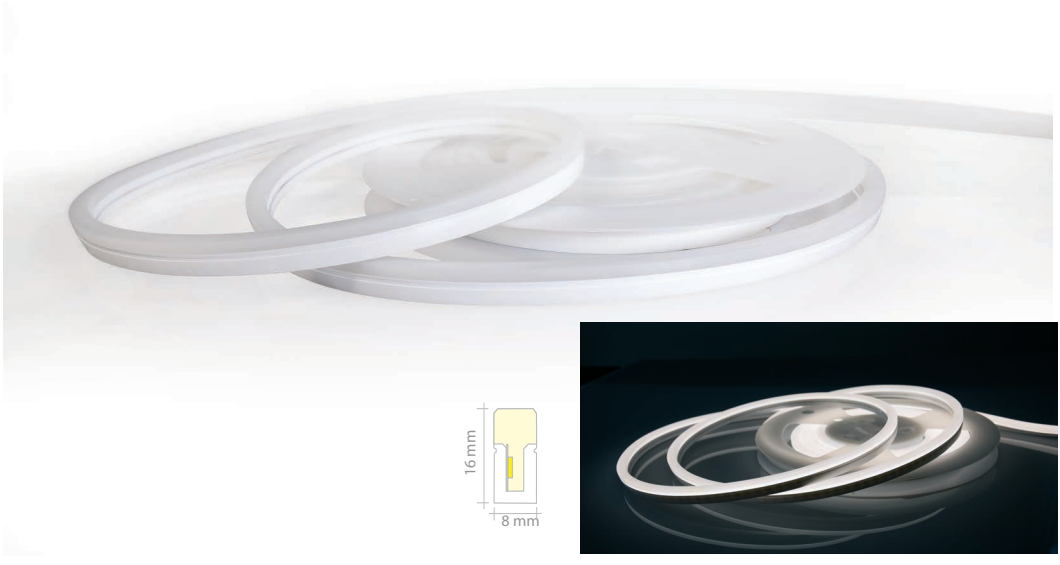
24V Flexible LED strips IP67

- One side light emission - light blade version (L type)
- 120 led/m - 18W/m - LED 2835
- Horizontal (SIDE) bending, Ø>60mm.
- Supplied with 10 clips, 10 screws, 2 open caps for rewiring, 4 end caps and 2 sylicon paste
- Direct installation (no profile needed)
- Reduced space between diodes for homogeneous output light
- Color temperatures available: 2700K, 3000K and 4000K
- Supplied in 5m reels with connecting cable

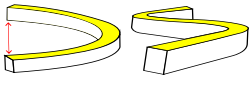
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NEON FLEX - IP67 - Indoor

18 Watt/m | IP 67 | CRI>80 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N2412F027	2700K	580	120	24VDC	50mm	18W	IP67
A41N2412F030	3000K	600	120	24VDC	50mm	18W	IP67
A41N2412F040	4000K	700	120	24VDC	50mm	18W	IP67
A41KITN2412F	Kit: 10x brackets with screws, 2x caps with hole, 2x end caps, 2 x glue tubes						
A41FIXN2412F	1 single fixing bracket						
BAR0816AL100	1mt aluminum profile						

Ø>60mm 

Datasheet download

Strisce flessibili a LED 24V IP67

- Emissione della luce da tre lati (tipo F)
- 120 led/m - 18W/m - LED 2835
- Movimento orizzontale (SIDE) , Ø>60mm.
- Fornite con 10 clips, 10 viti, 2 tappi per ripartenza, 4 tappi chiusura e 2 tubetti di silicone
- Strisce da incorporare direttamente senza profilo .
- Ridotta spaziatura dei LED per una luce continua senza punti
- Disponibile nei colori standard : 2700K, 3000K o 4000K
- Fornite in nastro da 5m e cavetto di raccordo

24V Flexible LED strips IP67

- Three side light emission (F type)
- 120 led/m - 18W/m - LED 2835
- Horizontal (SIDE) bending, Ø>60mm.
- Supplied with 10 clips, 10 screws, 2 open caps for rewiring, 4 end caps and 2 sylicon paste
- Direct installation (no profile needed)
- Reduced space between diodes for homogeneous output light
- Color temperatures available: 2700K, 3000K or 4000K
- Supplied in 5m reels with connecting cable

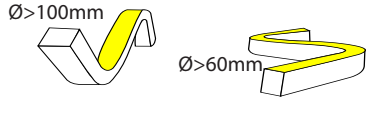
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NEON 3D 8x8mm - IP67 - Indoor

6 Watt/m | IP 67 | CRI>90 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N08080627	2700K	285	238	24VDC	Free	6W	IP67
A41N08080630	3000K	300	238	24VDC	Free	6W	IP67
A41N08080640	4000K	310	238	24VDC	Free	6W	IP67
A41KITN08080	Kit: 10x brackets with screws, 2x caps with hole, 4 x end caps, 2 x glue tubes						
A41FIXN08080	1 single fixing bracket with screw						
BAR0808AL100	1mt aluminum profile						



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Strisce flessibili a LED 24V IP67

- Dimensione ridotta 8x8mm
- Adatta anche per uso esterno (resistente ai raggi UV e alla nebbia salina)
- Movimento verticale (TOP) Ø>100mm, movimento orizzontale (SIDE) Ø>300mm
- 238 led/m - 6W/m - LED2216
- Taglio libero - Punto di saldatura per collegamento cavo ogni 29,4mm
- Disponibile nei colori standard: 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.
- Fornite con 10 clips, 10 viti, 2 tappi per ripartenza, 4 tappi chiusura e 2 tubetti di silicone

24V Flexible LED strips IP67

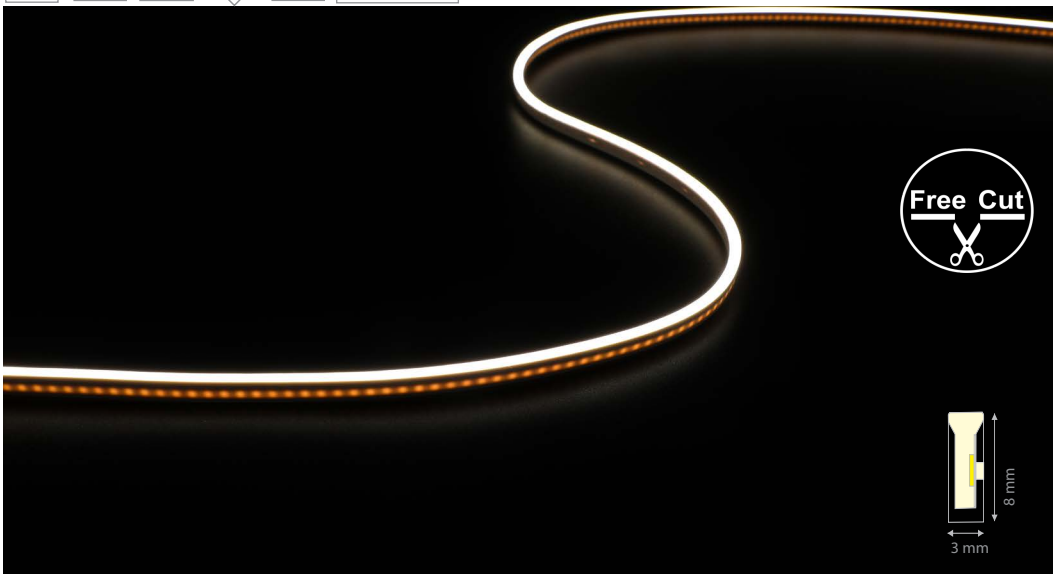
- Mini Size 8x8mm
- Suitable for outdoor installation too (UV resistant and salt-mist proof).
- Free bending: vertical (TOP) bending Ø>100mm, horizontal (SIDE) bending Ø>300mm
- 238 led/m - 6W/m - LED2216
- Free cutting - Soldering pad for wire connection every 29,4mm
- Color temperatures available: 2700K, 3000K and 4000K
- Supplied in 5m reels with connecting cable
- Supplied with 10 clips, 10 screws, 2 open caps for rewiring, 4 end caps and 2 sllicon paste

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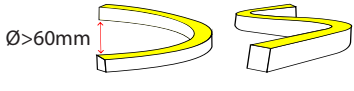
NEON MINI 3x8mm - IP67 - Indoor

LED 2216

6 Watt/m | IP 67 | CRI>90 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N03080627	2700K	105	238	24VDC	Free	6W	IP67
A41N03080630	3000K	120	238	24VDC	Free	6W	IP67
A41N03080640	4000K	120	238	24VDC	Free	6W	IP67
A41KITN03080	Kit: 10x brackets with screws, 2x caps with hole, 4 x end caps, 2 x glue tubes						
A41FIXN03080	1 single fixing bracket with screw						
BAR0308AL100	1mt aluminum profile						



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Strisce flessibili a LED 24V IP67

- Dimensione super ridotta 3x8mm
- Movimento orizzontale Ø>60mm
- 238 led/m - 6W/m - LED 2216
- Taglio libero - Punto di saldatura per collegamento cavo ogni 29mm
- Disponibile nei colori standard: 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.
- Fornite con 10 clips, 10 viti, 2 tappi per ripartenza, 4 tappi chiusura e 2 tubetti di silicone

24V Flexible LED strips IP67

- Really mini dimension 3x8mm
- Horizontal (side) bending Ø>60mm
- 238 led/m - 6W/m - LED 2216
- Free cutting - Soldering pad for wire connection every 29mm
- Color temperatures available: 2700K, 3000K and 4000K
- Supplied in 5m reels with connecting cable
- Supplied with 10 clips, 10 screws, 2 open caps for rewiring, 4 end caps and 2 silicon paste

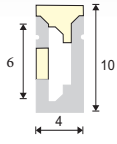
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LED 2110

NEON 4x10mm - IP65- Indoor

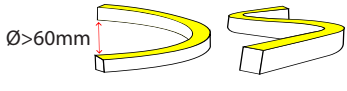
8 Watt/m | IP 65 | CRI>90 | III | t_a -10°÷ +40°C







Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N4X100830	3000K	110	180	24VDC	33,3mm	8W	IP65
A41N4X100840	4000K	110	180	24VDC	33,3mm	8W	IP65



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Strisce flessibili a LED 24V IP65
- 180 led/m - 8W/m - LED 2110
- Strisce da incorporare direttamente senza profilo .
- Movimento orizzontale Ø>60mm
- Disponibile nei colori standard: 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo

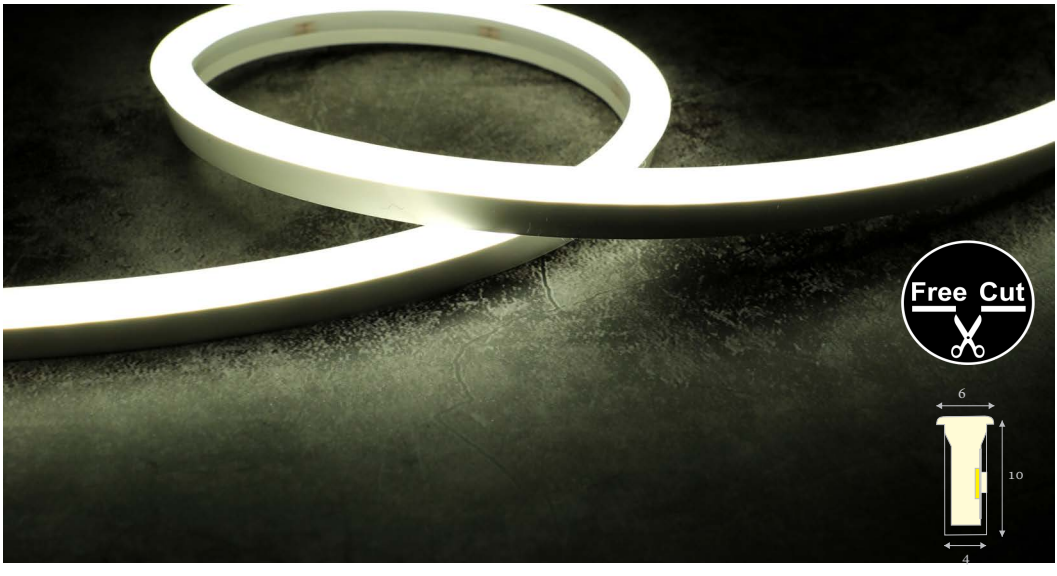
24V Flexible LED strips IP65
- 180 led/m - 8W/m - LED 2110
- Direct installation (no profile needed)
- Horizontal (side) bending Ø>60mm
- Color temperatures available: 3000K or 4000K
- Supplied in 5m reels with connecting cable

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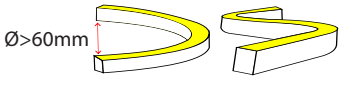
NEON 4x10 (T) - IP67 - Indoor

LED2835

9,6 Watt/m | IP 67 | CRI>90 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N410T9627	2700K	260	180	24VDC	FREE	9,6W	IP67
A41N410T9630	3000K	290	180	24VDC	FREE	9,6W	IP67
A41N410T9640	4000K	310	180	24VDC	FREE	9,6W	IP67
A41KITN0410T	Kit: 10x brackets with screws, 2x caps with hole, 4 x end caps, 2 x glue tubes						
A41FIXN0410T	1 single fixing bracket with screw						
BAR0410TAL10	1mt aluminum profile						



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Strisce flessibili a LED 24V IP67

- Illuminazione a forma di T per un'installazione perfetta e diretta (senza profilo)
- Movimento orizzontale Ø>60mm
- 180 led/m - 9,6W/m - LED 2835
- Taglio libero - Punto di saldatura per collegamento cavo ogni 33,33mm
- Movimento orizzontale max 100mm
- Disponibile nei colori standard: 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo

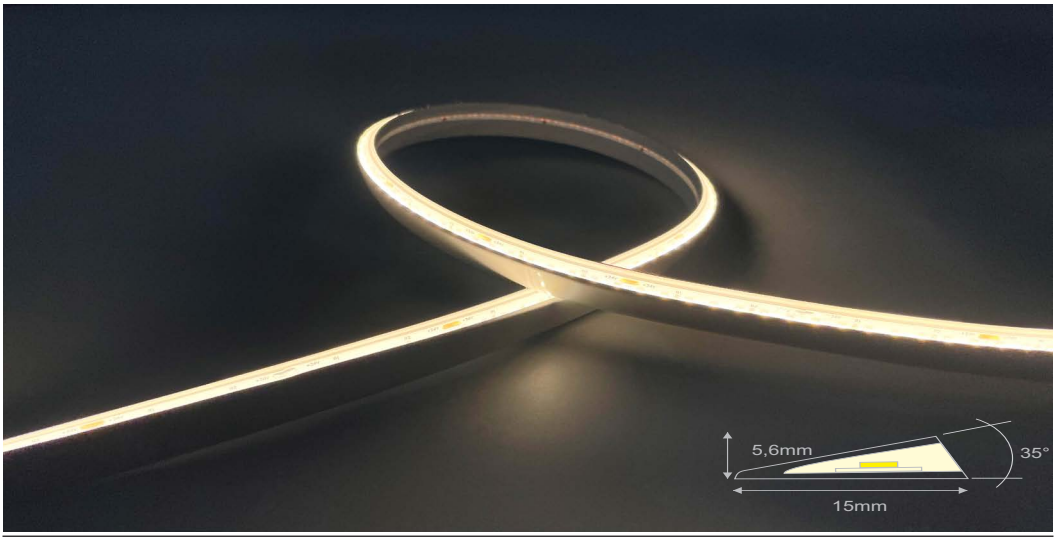
24V Flexible LED strips IP67

- T- shape lighting for perfect and direct fit-in installation (no profile needed)
- Horizontal (side) bending Ø>60mm
- 180 led/m - 9,6W/m - LED 2835
- Free cutting - Soldering pad for wire connection every 33,33mm
- Side bending max 100mm
- Color temperatures available: 2700K, 3000K or 4000K
- Supplied in 5m reels with connecting cable

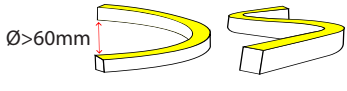
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NEON TRIANGLE - IP65 - Indoor

5,5 Watt/m | IP 65 | CRI>90 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41NTR241630	3000K	420	168	24VDC	41,66mm	5,5W	IP65
A41NTR241640	4000K	420	168	24VDC	41,66mm	5,5W	IP65



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Strisce a LED NEON TRIANGLE 24V - IP65

- Adatta a sottopensili, con fascio di luce asimmetrico
- 168led/m - 5,5w/m
- Movimento orizzontale (side)
- Fornite con 1 tappo per ripartenza, 1 tappo di chiusura e 1 cavetto rosso/nero da 15cm
- Disponibile nei colori standard: 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

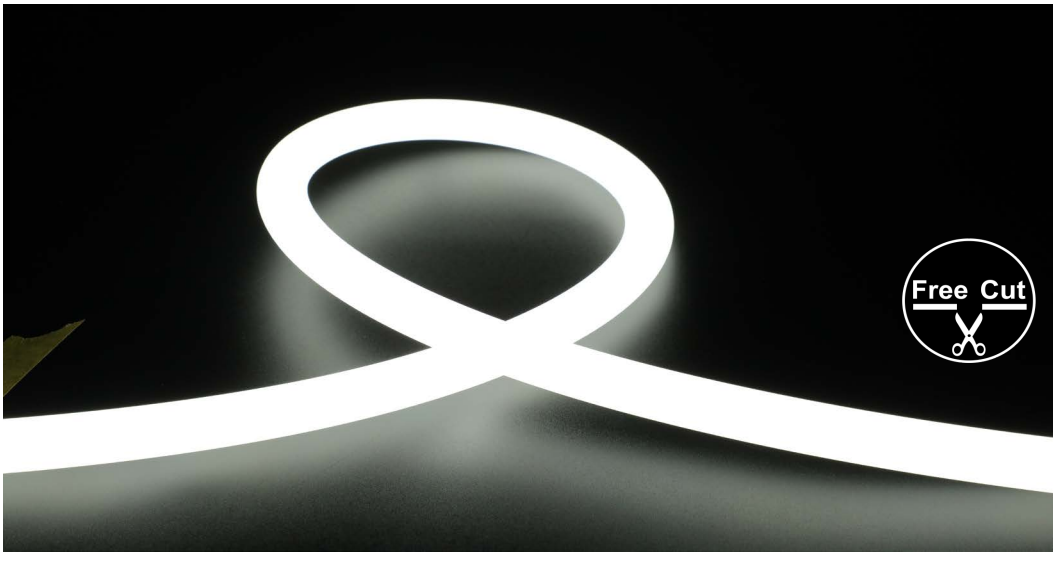
24V NEON LED strips TRIANGLE - IP65

- Suitable for under-cabinets, with asymmetrical light beam
- 168led/m - 5,5w/m
- Horizontal bending (Side bending)
- Supplied with 1 open cap for rewiring, 1 end cap and one 15cm red/black wire
- Color temperatures available: 3000K and 4000K
- Supplied in 5m reels with connecting cable

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360° NEON LED TUBE - IP65 - Indoor

11/14 Watt/m | IP 65 | CRI>90 | III | t_a -10°÷ +40°C



Part Number	Ø	CCT (K)	Lumen/m	LED/M	V (TYP)	Cut	W/m	IP
A41NT1811030	Ø18mm	3000K	770	360	24VDC	FREE	11W	IP65
A41NT1811040	Ø18mm	4000K	780	360	24VDC	FREE	11W	IP65
A41NT2314030	Ø23mm	3000K	990	140	24VDC	FREE	14W	IP65
A41NT2314040	Ø23mm	4000K	1000	140	24VDC	FREE	14W	IP65
A41KITNT1800	Kit: 2x front caps, 2x end caps, 1x glue tube for ø18mm strip							
A41KITNT2300	Kit: 2x front caps, 2x end caps, 1x glue tube for ø23mm strip							

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Strisce a LED NEON 360° 24V - IP65

- Illuminazione uniforme a 360°, flessibile e pieghevole fino a 150mm
- Materiale superficie ad olio opaco con eccellente resistenza all'usura, anti-polvere.
- Modello NT1811: Ø18mm - 360led/m - 11w/m
- Modello NT2314: Ø23mm - 280led/m - 14w/m
- Taglio libero - Punto di saldatura per collegamento cavo ogni 33,33mm per modello Ø18mm e ogni 50mm per modello Ø23mm
- Fornite con 2 tappi per ripartenza, 2 tappi chiusura e 1 tubetto di silicone
- Disponibile nei colori standard: 3000K e 4000K
- Fornite in nastro da 5m e cavetti di raccordo da 100cm su entrambii i lati

24V NEON LED strips 360° - IP65

- 360° uniform lighting, flexible and easily bentable up to 150mm
- Matte oil material on the surface with excellent wear resistance, no dust
- Type NT1811: Ø18mm - 360led/m - 11w/m
- Type NT2314: Ø23mm - 280led/m - 14w/m
- Free cutting - Soldering pad for wire connection every 33,33mm for type Ø18mm and every 50mm for type Ø23mm
- Supplied with 2 open caps for rewiring, 2 end caps and 1 sylicon paste
- Color temperatures available: 3000K and 4000K
- Supplied in 5m reels with 100cm connecting cables on both sides

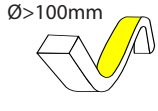
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NEON FLEX - IP67- Outdoor



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Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N2416H027 5m	2700K	1400	160	24VDC	50mm	14,4W	IP67
A41N2416H030 5m	3000K	1430	160	24VDC	50mm	14,4W	IP67
A41N2416H040 5m	4000K	1490	160	24VDC	50mm	14,4W	IP67
A41N2414H127 10m	2700K	950	140	24VDC	50mm	11,52W	IP67
A41N2414H130 10m	3000K	970	140	24VDC	50mm	11,52W	IP67
A41N2414H140 10m	4000K	1010	140	24VDC	50mm	11,52W	IP67
A41KIT3NEONB	Kit: 1 x spare front cap +30cm connecting cable + 1end cap						
A41KIT4NEONB	kit: 10 x plastic clips + 10 x screws						
A41BARNEONH0	1mt aluminum profile						



Strisce flessibili a LED 24V IP67

- Fornite in nastro da 5m o 10m con cavetto di raccordo
- Rolla da 5m: 160led/m - 14,4W/m
  Rolla da 10m: 140 led/m - 11,52W/m
- Movimento verticale (TOP), Ø>100mm
- Taglio e giunzione del cavo ogni 50mm
- Strisce da incorporare direttamente senza profilo.
- Rolla da 5m fornita di 10 clips di fissaggio, 10viti, 1 tappo di chiusura , 1 tappo con ripartenza e cavo da 30cm
- Rolla da 10m fornita di 20 clips di fissaggio, 20 viti, 1 tappo di chiusura , 1 tappo con ripartenza e cavo da 30cm

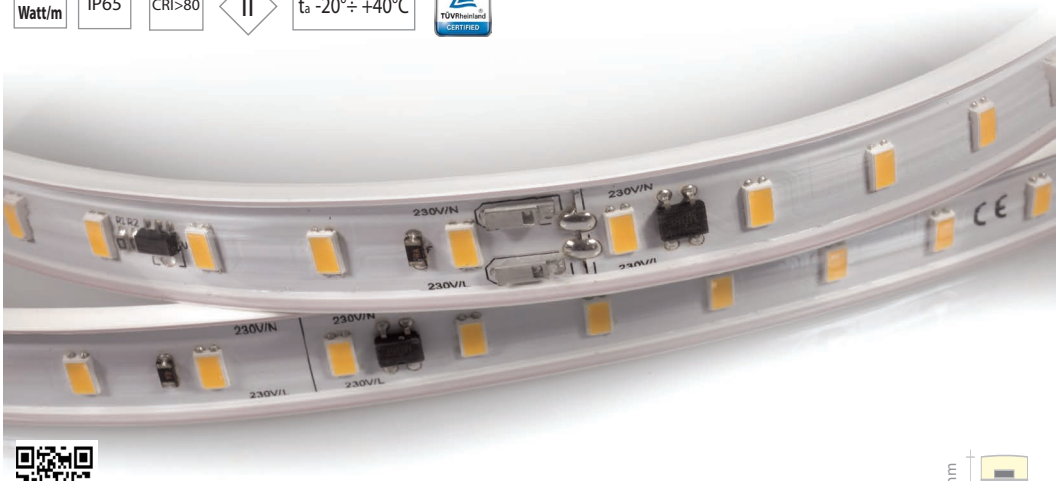
24V Flexible LED strips IP67

- 5m or 10m reel with power cable
- 5m reel: 160led/m - 14,4W/m
  10m reel: 140 led/m - 11,52W/m
- Vertical (TOP) bending bending, Ø>100mm
- Cut point and solder pad for cabling every 50mm
- Direct installation (no profile needed)
- 5m roll supplied with 10 fixing clips, 10 screws, 1 end cap, 1 front cap plus 30cm wire.
- 10m roll supplied with 20 fixing clips, 20 screws, 1 end cap, 1 front cap plus 30cm wire.

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230V HIGH VOLTAGE - IP65 - Outdoor

14 Watt/m | IP65 | CRI>80 | II | t_a -20°÷ +40°C | TÜVRheinland CERTIFIED



Datasheet download



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41HV0725027	2700K	1320	72	230V	500mm	14W	IP65
A41HV0725030	3000K	1350	72	230V	500mm	14W	IP65
A41HV0725040	4000K	1400	72	230V	500mm	14W	IP65
A41HVKIT0000	Junction kit (terminal cap and terminal with leads)						
A41HVKITBR00	50 brackets and 50 screws						
A41HVCONN000	Splice connector to connect tape to tape						
A41BARPL1000	1m Plastic Profile						

Strisce flessibili a LED 230V in PVC (uso esterno)

- Possibilità di alimentare da un solo lato fino a lunghezze di 50m
- 72 led/m - 14W/m - LED 5630 - Possibile taglio ogni 16,5cm, giunzione del cavo ogni 50cm
- Fornite con accessori di fissaggio: 100 clips, 100 viti e 100 tasselli
- Kit aggiuntivi disponibile a parte per sezionamenti e giunzioni in sicurezza.
- Evitare il contatto con acqua - Uso esterno.
- Funzionamento a 100Hz – Non adatti alle riprese video.
- Fusibile incorporato nel sistema di giunzione del cavo. Non ripristinabile in caso di guasto.
- Protezione alle sovratensioni, limitata ad un uso domestico. Si consiglia l'installazione di una protezione nel quadro di comando se utilizzata in ambienti industriali o soggetti a disturbi dalla rete.
- Disponibile nei colori standard : 2700K , 3000K o 4000K
- Fornite in nastro da 50m e cavetto di raccordo

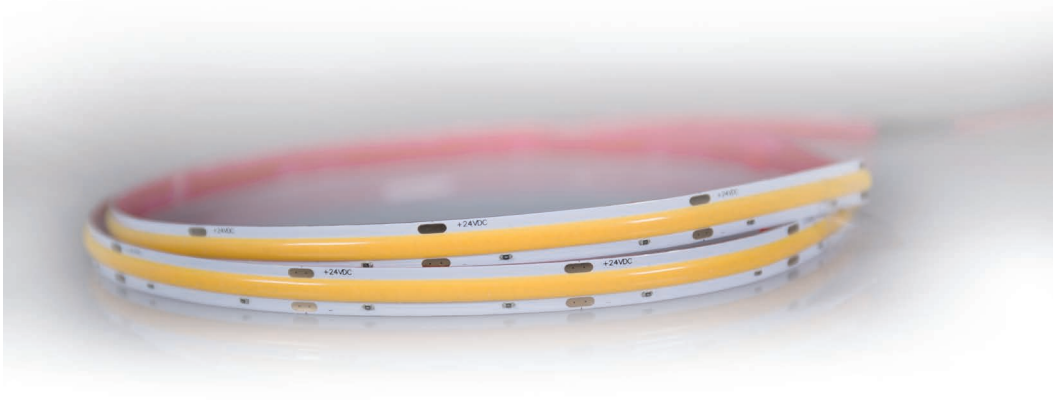
230V Flexible LED strips in PVC for outdoor

- Possibility of feeding from one side up to lengths of 50 meters
- 72 led/m - 14W/m - LED 5630 - Cut every 16,5cm, solder pad for cabling only every 50cm
- Supplied with fixing elements: 100 clips, 100 screws and 100 dowels
- Additional kits separetely available for sectioning and joints in a safe way.
- Avoid contact with water - Only for outdoor applications
- 100Hz operation - Not suitable for video shooting.
- Fuse built into the cable jointing system. Not resettable in case of failure.
- Overvoltage protection, limited to domestic use. We recommend installing a protection in the control panel if used in industrial environments or subject to disturbances from the network.
- Color temperature available: 2700K, 3000K and 4000K
- Supplied in 50m roll with connecting cable

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COB - 24V - IP20

8/14,4 Watt/m | IP 20 | CRI>90 | III | t_a -10°÷ +40°C



up to 110 lm/w

8 mm — 50 mm (A41COB2488xx)

10 mm — 50 mm (A41COB2415xx)

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41COB241527	2700K	1250	COB	24V/DC	50mm	14,4W	IP20	G
A41COB241530	3000K	1290	COB	24V/DC	50mm	14,4W	IP20	G
A41COB241540	4000K	1340	COB	24V/DC	50mm	14,4W	IP20	F
A41COB248827	2700K	750	COB	24V/DC	50mm	8W	IP20	F
A41COB248830	3000K	780	COB	24V/DC	50mm	8W	IP20	F
A41COB248840	4000K	890	COB	24V/DC	50mm	8W	IP20	F

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 24V autoadesive IP20
- Strip COB a luce continua
- 8W/m con possibile taglio ogni 50mm
- 14,4W/m con possibile taglio ogni 50mm
- Facile da piegare - Possibile montaggio su superfici curve
- Disponibile nei colori standard 2700K, 3000K e 4000K
- Fornita in rolla da 5m

24V Flexible adhesive LED strips IP20
- COB LED Strip (continous light)
- 8W/m with possible cut every 50mm
- 14,4W/m with possible cut every 50mm
- Easy to bend - Possible mounting on curved surfaces
- Color temperatures available: 2700K, 3000K and 4000K
- Supplied in 5m reels with connecting cable.

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COB - 24V - IP65

12 Watt/m | IP 65 | CRI>90 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41COB845A27	2700K	910	300	24V/DC	FREE	12W	IP65
A41COB845A30	3000K	970	300	24V/DC	FREE	12W	IP65
A41COB845A40	4000K	940	300	24V/DC	FREE	12W	IP65

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Strisce flessibili a LED 24V autoadesive IP65

- Strip COB a luce continua
- 12W/m con possibile taglio ogni 50mm
- Taglio libero - Punto di saldatura per collegamento cavo ogni 33,3mm
- Movimento orizzontale
- Disponibile nei colori standard 2700K, 3000K e 4000K
- Fornita in rolla da 5m

24V Flexible adhesive LED strips IP65

- COB LED Strip (uniform light), spotless.
- 12W/m with possible cut every 50mm
- Free cutting - Soldering pad for wire connection every 33,3mm
- Horizontal (side) bending
- Color temperatures available: 2700K, 3000K and 4000K
- Supplied in 5m reels with connecting cable.

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LED 2835D

DOUBLE CHIP - IP20

8/15 Watt/m | IP 20 | CRI>80 | III | t_a -10°÷ +40°C



up to
200 lm/w

25 mm / 160 led/m
7mm

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41D24160827	2700K	1440	160	24V/DC	25mm	8W	IP20	C
A41D24160830	3000K	1510	160	24V/DC	25mm	8W	IP20	C
A41D24160840	4000K	1590	160	24V/DC	25mm	8W	IP20	C
A41D24161027	2700K	1690	160	24V/DC	25mm	10W	IP20	D
A41D24161030	3000K	1730	160	24V/DC	25mm	10W	IP20	C
A41D24161040	4000K	1790	160	24V/DC	25mm	10W	IP20	C
A41D24161527	2700K	2550	160	24V/DC	25mm	15W	IP20	D
A41D24161530	3000K	2830	160	24V/DC	25mm	15W	IP20	C
A41D24161540	4000K	2760	160	24V/DC	25mm	15W	IP20	C

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 24V autoadesive IP20

- LED 2835D doppio chip ad alta efficienza e a bassa caduta di tensione
- Consumo ridotto, alto rendimento
- 160 led/m: 8W/m, 10W/m e 15W/m
- Disponibile nei colori standard 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20

- LED 2835D Double Chip with high lumen efficiency and low voltage drop
- Reduced consumption, higher efficiency
- 160 led/m: 8W/m, 10W/m and 15W/m
- Available in standard 2700K, 3000K and 4000K
- Supplied in 5m roll with connecting cable

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DOUBLE CHIP - IP20

LED 2835D



up to
195 lm/w

20 mm / 200 led/m
8mm

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41D24200627	2700K	1010	200	24V/DC	20mm	6W	IP20	D
A41D24200630	3000K	1030	200	24V/DC	20mm	6W	IP20	D
A41D24200640	4000K	1160	200	24V/DC	20mm	6W	IP20	C
A41D24200827	2700K	1360	200	24V/DC	20mm	8W	IP20	D
A41D24200830	3000K	1380	200	24V/DC	20mm	8W	IP20	D
A41D24200840	4000K	1410	200	24V/DC	20mm	8W	IP20	C
A41D24201127	2700K	1930	200	24V/DC	20mm	11,5W	IP20	D
A41D24201130	3000K	1990	200	24V/DC	20mm	11,5W	IP20	C
A41D24201140	4000K	2020	200	24V/DC	20mm	11,5W	IP20	C

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 24V autoadesive IP20

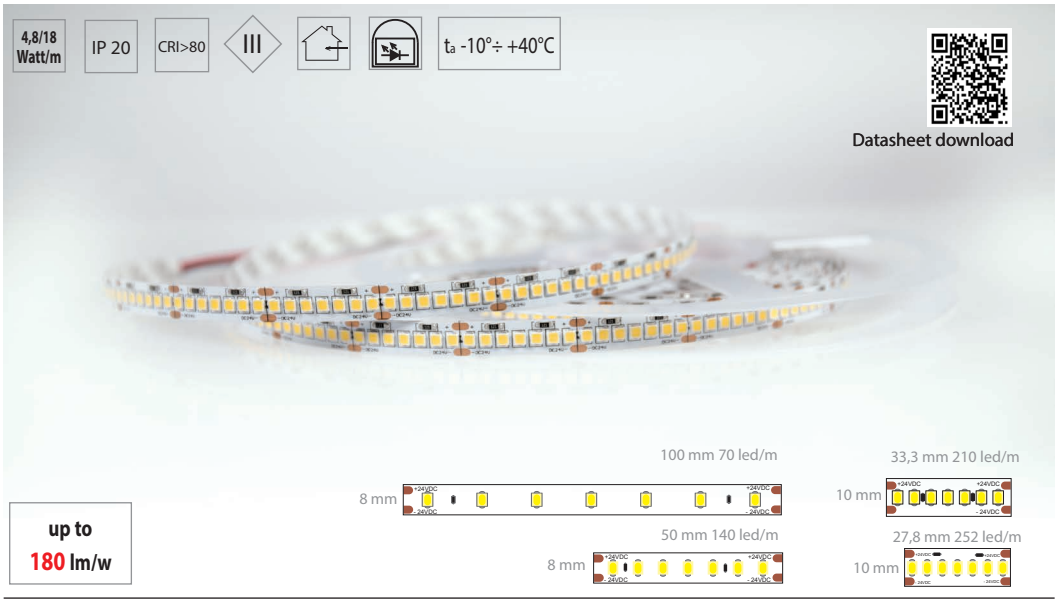
- LED 2835D doppio chip ad alta efficienza e a bassa caduta di tensione
- Consumo ridotto, alto rendimento
- 200 led/m: 6W/m, 8W/m e 11,5W/m
- Disponibile nei colori standard 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20

- LED 2835D Double Chip with high lumen efficiency and low voltage drop
- Reduced consumption, higher efficiency
- 200 led/m: 6W/m, 8W/m and 11,5W/m
- Available in standard 2700K, 3000K and 4000K
- Supplied in 5m roll with connecting cable

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High Efficiency - IP20



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H24070027	2700K	630	70	24V/DC	100mm	4,8W	IP20	E
A41H24070030	3000K	658	70	24V/DC	100mm	4,8W	IP20	E
A41H24070040	4000K	732	70	24V/DC	100mm	4,8W	IP20	D
A41H24070060	6000K	690	70	24V/DC	100mm	4,8W	IP20	E
A41H24140024	2400K	1250	140	24V/DC	50mm	9,6W	IP20	E
A41H24140027	2700K	1306	140	24V/DC	50mm	9,6W	IP20	E
A41H24140030	3000K	1332	140	24V/DC	50mm	9,6W	IP20	E
A41H24140040	4000K	1380	140	24V/DC	50mm	9,6W	IP20	E
A41H24140060	6000K	1700	140	24V/DC	50mm	9,6W	IP20	C
A41H24210027	2700K	1890	210	24V/DC	33,3mm	14,4W	IP20	E
A41H24210030	3000K	1970	210	24V/DC	33,3mm	14,4W	IP20	E
A41H24210040	4000K	2040	210	24V/DC	33,3mm	14,4W	IP20	E
A41H24210060	6000K	2210	210	24V/DC	33,3mm	14,4W	IP20	D
A41H24252027	2700K	2320	252	24V/DC	27,8mm	18W	IP20	E
A41H24252030	3000K	2360	252	24V/DC	27,8mm	18W	IP20	E
A41H24252040	4000K	2460	252	24V/DC	27,8mm	18W	IP20	E
A41H24252060	6000K	2520	252	24V/DC	27,8mm	18W	IP20	E

** The EEC specification refers in each case to the installED light source(s)

Strisce flessibili a LED 24V autoadesive IP20

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da 7 LED per una diminuzione delle perdite in calore e migliore resa luminosa. Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20

- LED 2835 with high lumen efficiency and low voltage drop
- 7LED segment for a reduction of heath losses and higher lumen efficiency - Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K, 4000K and 6000K
- Supplied in 5m roll with connecting cable

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High Efficiency - IP65

4,8/18 Watt/m | IP 20 | CRI>80 | III | t_a -10°÷ +40°C

Datasheet download



100 mm 70 led/m

8 mm 

50 mm 140 led/m

8 mm 

33,3 mm 210 led/m

10 mm 

up to 140 lm/w

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H24070A24	2400K	500	70	24V/DC	100mm	4,8W	IP65	F
A41H24070A27	2700K	580	70	24V/DC	100mm	4,8W	IP65	E
A41H24070A30	3000K	610	70	24V/DC	100mm	4,8W	IP65	E
A41H24070A40	4000K	670	70	24V/DC	100mm	4,8W	IP65	E
A41H24070A60	6000K	670	70	24V/DC	100mm	4,8W	IP65	E
A41H24140A27	2700K	1130	140	24V/DC	50mm	9,6W	IP65	F
A41H24140A30	3000K	1140	140	24V/DC	50mm	9,6W	IP65	F
A41H24140A40	4000K	1280	140	24V/DC	50mm	9,6W	IP65	E
A41H24140A60	6000K	1290	140	24V/DC	50mm	9,6W	IP65	E
A41H24210A27	2700K	1610	210	24V/DC	33,3mm	14,4W	IP65	F
A41H24210A30	3000K	1710	210	24V/DC	33,3mm	14,4W	IP65	F
A41H24210A40	4000K	1860	210	24V/DC	33,3mm	14,4W	IP65	E
A41H24210A60	6000K	1810	210	24V/DC	33,3mm	14,4W	IP65	E

** The EEC specification refers in each case to the installED light source(s)

Strisce flessibili a LED 24V autoadesive IP65

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da 7 LED per una diminuzione delle perdite in calore e migliore resa luminosa - Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP65

- LED 2835 with high lumen efficiency and low voltage drop
- 7LED segment for a reduction of heath losses and higher lumen efficiency - Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K, 4000K and 6000K
- Supplied in 5m roll with connecting cable

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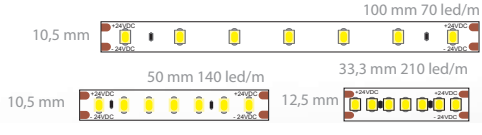
High Efficiency - IP68

4,8/14,4 Watt/m | IP 68 | CRI>80 | III | t_a -10°÷ +40°C

Datasheet download



up to **135 lm/w**



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H24070I27	2700K	550	70	24V/DC	100mm	4,8W	IP68	F
A41H24070I30	3000K	570	70	24V/DC	100mm	4,8W	IP68	F
A41H24070I40	4000K	650	70	24V/DC	100mm	4,8W	IP68	E
A41H24070I60	6000K	640	70	24V/DC	100mm	4,8W	IP68	E
A41H24140I27	2700K	1080	140	24V/DC	50mm	9,6W	IP68	F
A41H24140I30	3000K	1110	140	24V/DC	50mm	9,6W	IP68	F
A41H24140I40	4000K	1240	140	24V/DC	50mm	9,6W	IP68	E
A41H24140I60	6000K	1220	140	24V/DC	50mm	9,6W	IP68	E
A41H24210I27	2700K	1600	210	24V/DC	33,3mm	14,4W	IP68	F
A41H24210I30	3000K	1660	210	24V/DC	33,3mm	14,4W	IP68	F
A41H24210I40	4000K	1860	210	24V/DC	33,3mm	14,4W	IP68	E
A41H24210I60	6000K	1780	210	24V/DC	33,3mm	14,4W	IP68	E

** The EEC specification refers in each case to the installED light source(s)

Strisce flessibili a LED 24V autoadesive IP68

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da 7 LED per una diminuzione delle perdite in calore e migliore resa luminosa - Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP68

- LED 2835 with high lumen efficiency 140lm/W and low voltage drop
- 7LED segment for a reduction of heath losses and higher lumen efficiency - Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K, 4000K and 6000K
- Supplied in 5m roll with connecting cable

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12V High Efficiency - IP20

LED 2835

4,8/9,6 Watt/m | IP 20 | CRI>80 | III | t_a -10°÷ +40°C

Datasheet download



50 mm 60 led/m

8 mm

up to 125 lm/w

25 mm 120 led/m

8 mm



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H12060027	2700K	540	60	12V/DC	50mm	4,8W	IP20	F
A41H12060030	3000K	570	60	12V/DC	50mm	4,8W	IP20	F
A41H12060040	4000K	600	60	12V/DC	50mm	4,8W	IP20	E
A41H12120060	6000K	580	60	12V/DC	50mm	4,8W	IP20	E
A41H12120027	2700K	1080	120	12V/DC	25mm	9,6W	IP20	F
A41H12120030	3000K	1100	120	12V/DC	25mm	9,6W	IP20	F
A41H12120040	4000K	1140	120	12V/DC	25mm	9,6W	IP20	F
A41H12120060	6000K	1180	120	12V/DC	25mm	9,6W	IP20	E

** The EEC specification refers in each case to the installED light source(s)

Strisce flessibili a LED 12V autoadesive IP20

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da 3 LED - Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6000K
- Fornite in nastro da 5m e cavetto di raccordo.

12V Flexible adhesive LED strips IP20

- LED 2835 with high lumen efficiency and low voltage drop
- 3LED segment - Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K, 4000K and 6000K
- Supplied in 5m roll with connecting cable

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12V High Efficiency - IP65

4,8/9,6 Watt/m | IP 20 | CRI>80 | III | t_a -10°÷ +40°C



50 mm 60 led/m

8 mm

up to 115 lm/w

25 mm 120 led/m

8 mm



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H12060A27	2700K	480	60	12V/DC	50mm	4,8W	IP65	F
A41H12060A30	3000K	500	60	12V/DC	50mm	4,8W	IP65	F
A41H12060A40	4000K	540	60	12V/DC	50mm	4,8W	IP65	F
A41H12120A60	6000K	520	60	12V/DC	50mm	4,8W	IP65	F
A41H12120A27	2700K	920	120	12V/DC	25mm	9,6W	IP65	F
A41H12120A30	3000K	950	120	12V/DC	25mm	9,6W	IP65	F
A41H12120A40	4000K	1060	120	12V/DC	25mm	9,6W	IP65	F
A41H12120A60	6000K	1040	120	12V/DC	25mm	9,6W	IP65	F

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 12V autoadesive IP65

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da3 LED - Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6000K
- Fornite in nastro da 5m e cavetto di raccordo.

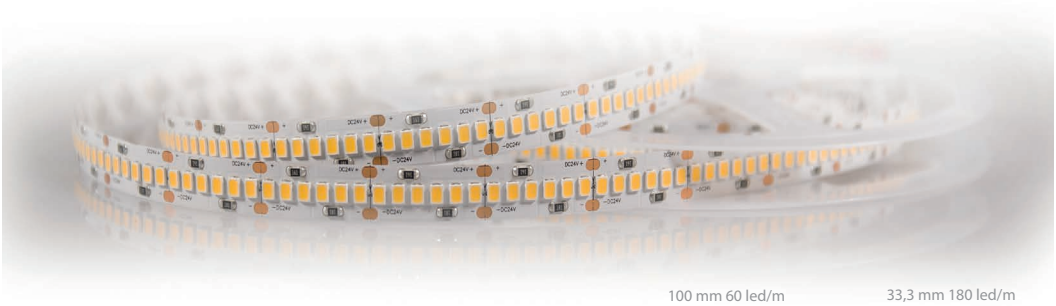
12V Flexible adhesive LED strips IP65

- LED 2835 with high lumen efficiency and low voltage drop
- 3LED segment - Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K, 4000K and 6000K
- Supplied in 5m roll with connecting cable

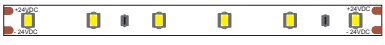
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Essential - IP20

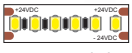
4,8/19,2 Watt/m | CV | IP 20 | CRI>80 | CE | EMC | M | M | F | t_a -10°÷ +40°C | III



100 mm 60 led/m
8 mm



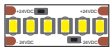
33,3 mm 180 led/m
10 mm



50 mm 120 led/m
8 mm



25 mm 240 led/m
10 mm



up to 120 lm/w

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41ES2460030	3000K	540	60	24V/DC	100mm	4,8W	IP20	F
A41ES2460040	4000K	560	60	24V/DC	100mm	4,8W	IP20	F
A41ES2412030	3000K	1050	120	24V/DC	50mm	9,6W	IP20	F
A41ES2412040	4000K	1120	120	24V/DC	50mm	9,6W	IP20	F
A41ES2418030	3000K	1550	180	24V/DC	33,3mm	14,4W	IP20	F
A41ES2418040	4000K	1630	180	24V/DC	33,3mm	14,4W	IP20	F
A41ES2424030	3000K	2060	240	24V/DC	25mm	19,2W	IP20	F
A41ES2424040	4000K	2160	240	24V/DC	25mm	19,2W	IP20	F

** The EEC specification refers in each case to the installED light source(s)

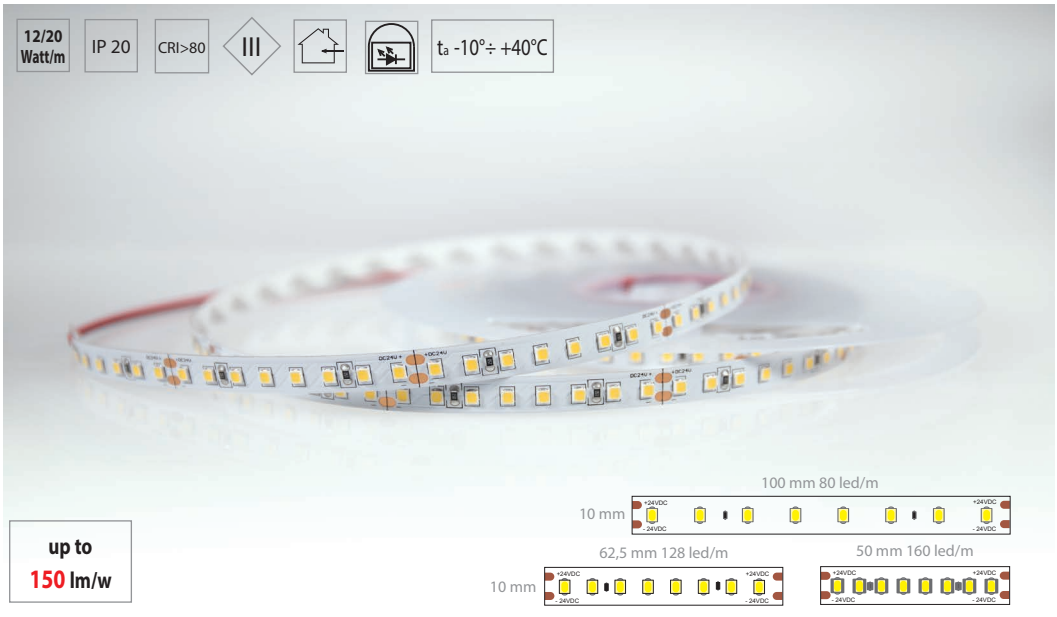
Datasheet download

Strisce flessibili a LED 24V autoadesive IP20
- LED 2835
- Consumo ridotto
- Disponibile nei colori standard 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20
- LED 2835
- Reduced consumption
- Available in standard 3000K and 4000K
- Supplied in 5m roll with connecting cable

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TOP - IP20



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41B24080027	2700K	1660	80	24V/DC	100mm	12W	IP20	E
A41B24080030	3000K	1740	80	24V/DC	100mm	12W	IP20	E
A41B24080040	4000K	1840	80	24V/DC	100mm	12W	IP20	D
A41B24128027	2700K	2280	128	24V/DC	62,5mm	16W	IP20	E
A41B24128030	3000K	2310	128	24V/DC	62,5mm	16W	IP20	E
A41B24128040	4000K	2350	128	24V/DC	62,5mm	16W	IP20	D
A41B24160027	2700K	2850	160	24V/DC	50mm	20W	IP20	E
A41B24160030	3000K	2970	160	24V/DC	50mm	20W	IP20	D
A41B24160040	4000K	3070	160	24V/DC	50mm	20W	IP20	D

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 24V autoadesive IP20

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da 8 LED per una diminuzione delle perdite in calore e migliore resa luminosa
- Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20

- LED 2835 with high lumen efficiency and low voltage drop
- 8LED segment for a reduction of heath losses and higher lumen efficiency
- Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K and 4000K
- Supplied in 5m roll with connecting cable

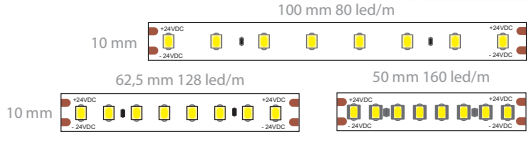
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TOP - IP65

12/20 Watt/m | IP 65 | CRI>80 | III | t_a -10°÷ +40°C



up to **140 lm/w**



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41B24080A27	2700K	1460	80	24V/DC	100mm	12W	IP65	E
A41B24080A30	3000K	1590	80	24V/DC	100mm	12W	IP65	E
A41B24080A40	4000K	1690	80	24V/DC	100mm	12W	IP65	E
A41B24128A27	2700K	1950	128	24V/DC	62,5mm	16W	IP65	E
A41B24128A30	3000K	2040	128	24V/DC	62,5mm	16W	IP65	E
A41B24128A40	4000K	2260	128	24V/DC	62,5mm	16W	IP65	E
A41B24160A27	2700K	2380	160	24V/DC	50mm	20W	IP65	E
A41B24160A30	3000K	2540	160	24V/DC	50mm	20W	IP65	E
A41B24160A40	4000K	2840	160	24V/DC	50mm	20W	IP65	E

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 24V autoadesive IP65

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Realizzata in moduli da 8 LED per una diminuzione delle perdite in calore e migliore resa luminosa
- Consumo ridotto, alto rendimento
- Disponibile nei colori standard 2700K, 3000Ke 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP65

- LED 2835 with high lumen efficiency and low voltage drop
- 8LED segment for a reduction of heath losses and higher lumen efficiency
- Reduced consumption, higher efficiency
- Available in standard 2700K, 3000K and 4000K
- Supplied in 5m roll with connecting cable

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LED 2216

No Polarity - 24V - IP20



up to
100 lm/w

33,3 mm 360 led/m
8 mm

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41NP2436834	3000+40000K	1060+1120	180+180	24V/DC	33,3mm	11+11W	IP20	F

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce a LED 24V autoadesive IP20 - NO Polarity
- 180+180 led/m - 11+11W/m - LED 2216
- Collegamento senza polarità: accensione del bianco caldo o del bianco freddo a seconda del verso di collegamento
- 3000K/4000K
- Fornite in nastro da 5m e cavetto di raccordo

24V adhesive LED strips IP20 - NO Polarity
- 180+180 led/m - 11+11W/m - LED 2216
- Connection with NO polarity: possibility of switching the warm white or the natural white according to connection inversion
- 3000K/4000K
- Supplied in 5m reels

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FOOD - CRI>94 - IP20

16,8 Watt/m | IP 20 | CRI>94 | III | t_a -10°÷ +40°C



A41A24112029

A41A24112050

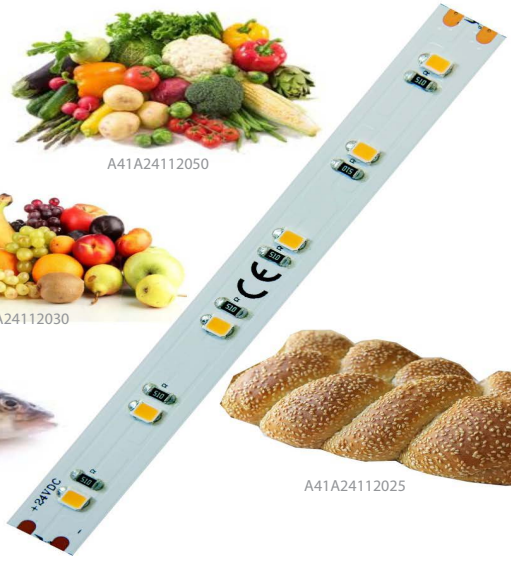


A41A24112030



A41A24112075

up to 110 lm/w





A41A24112025

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41A24112025	2500K	1610	112	24V/DC	71,4mm	16,8W	IP20	F
A41A24112029	2900K	1520	112	24V/DC	71,4mm	16,8W	IP20	G
A41A24112030	3000K	1650	112	24V/DC	71,4mm	16,8W	IP20	F
A41A24112050	5000K	1880	112	24V/DC	71,4mm	16,8W	IP20	F
A41A24112075	7500K	1900	112	24V/DC	71,4mm	16,8W	IP20	F

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

71,4 mm 112 led/m

10 mm



Strisce flessibili a LED 24V autoadesive per alimenti IP20

- Temperature di colore specifiche per l'illuminazione di alimenti
- 112 led/mt - 16,8W/mt - LED 2835
- Durata superiore nel tempo, adesivo 3M VHB ad alta resistenza
- Temperature di colore disponibili: 2500K (prodotti da forno), 2900K (carni), 3000K (frutta e verdura), 5000K (vegetali verdi), 7500K (pesce)
- Fornite in nastro da 5 m e cavetto di raccordo.

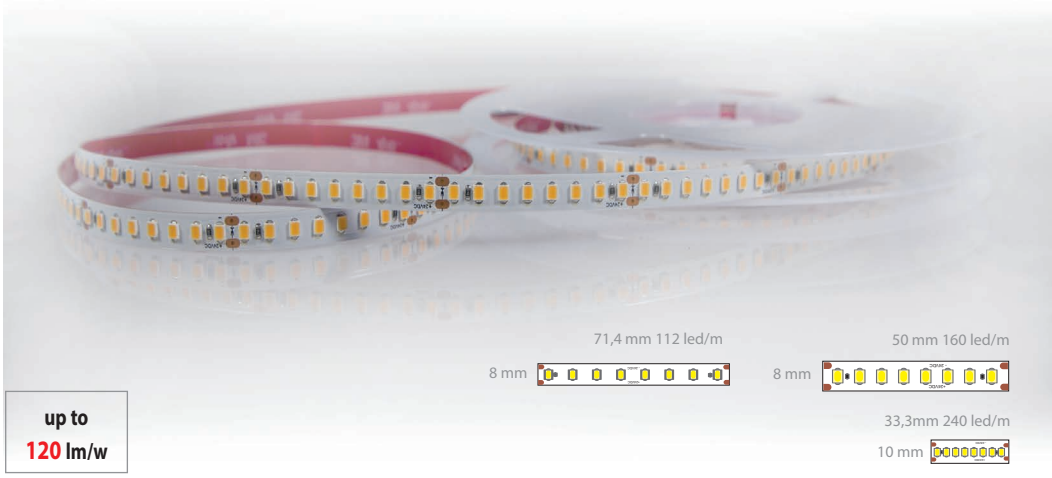
24V Flexible adhesive LED strips for food display IP20

- Specific color temperatures for different food types
- 112 led/mt - 16,8W/mt - LED 2835
- High life time - Fitted with high resistant 3M VHB adhesive tape
- Color temperatures available: 2500K (baked food), 2900K (meat), 3000K (fruit and vegetables), 5000K (for green vegetables) and 7500K (fish)
- Supplied in 5 m reels with connecting cable

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REAL - 24V - CRI>95 - IP20

10/21,6 Watt/m | IP 20 | CRI>95 | III | t_a -10°÷ +40°C



up to 120 lm/w

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41A2411C027	2700K	1000	112	24V/DC	71,4mm	10W	IP20	F
A41A2411C030	3000K	1100	112	24V/DC	71,4mm	10W	IP20	F
A41A2411C040	4000K	1120	112	24V/DC	71,4mm	10W	IP20	F
A41A2411C065	6500K	1210	112	24V/DC	71,4mm	10W	IP20	E
A41A2416C027	2700K	1420	160	24V/DC	50mm	14,4W	IP20	F
A41A2416C030	3000K	1630	160	24V/DC	50mm	14,4W	IP20	F
A41A2416C040	4000K	1660	160	24V/DC	50mm	14,4W	IP20	F
A41A2416C065	6500K	1740	160	24V/DC	50mm	14,4W	IP20	F
A41A2424C027	2700K	2140	240	24V/DC	33,3mm	21,6W	IP20	F
A41A2424C030	3000K	2290	240	24V/DC	33,3mm	21,6W	IP20	F
A41A2424C040	4000K	2440	240	24V/DC	33,3mm	21,6W	IP20	F
A41A2424C065	6500K	2600	240	24V/DC	33,3mm	21,6W	IP20	E

** The EEC specification refers in each case to the installED light source(s)

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Strisce flessibili a LED 24V autoadesive IP20

- Elevato CRI Ra>95
- 112 led/m - 10W/m - LED2835
- 160 led/m - 14,4W/m - LED2835
- 240 led/m - 21,6W/m - LED2835
- Superiore durata nel tempo, adesivo resistente 3M VHB
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6500K
- Fornite in nastro da 5m e cavetto di raccordo.

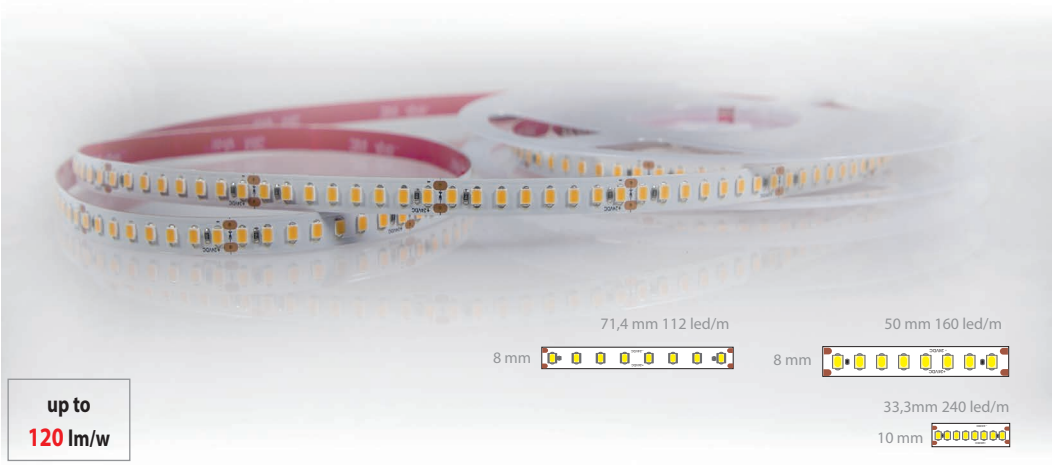
24V Flexible adhesive LED strips IP20

- High CRI Ra>95
- 112 led/m - 10W/m - LED2835
- 160 led/m - 14,4W/m - LED2835
- 240 led/m - 21,6W/m - LED2835
- High life time - Fitted with high resistant 3M VHB adhesive tape
- Available in standard 2700K, 3000K, 4000K e 6500K
- Supplied in 5m roll with connecting cable

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REAL - 24V - CRI>95 - IP65

10/21,6 Watt/m | IP 65 | CRI>95 | III | t_a -10°÷ +40°C



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41A2411CA27	2700K	970	112	24V/DC	71,4mm	10W	IP65	F
A41A2411CA30	3000K	1000	112	24V/DC	71,4mm	10W	IP65	F
A41A2411CA40	4000K	1080	112	24V/DC	71,4mm	10W	IP65	F
A41A2411CA65	6500K	1110	112	24V/DC	71,4mm	10W	IP65	F
A41A2416CA27	2700K	1430	160	24V/DC	50mm	14,4W	IP65	F
A41A2416CA30	3000K	1440	160	24V/DC	50mm	14,4W	IP65	F
A41A2416CA40	4000K	1590	160	24V/DC	50mm	14,4W	IP65	F
A41A2416CA65	6500K	1710	160	24V/DC	50mm	14,4W	IP65	F
A41A2424CA27	2700K	2060	240	24V/DC	33,3mm	21,6W	IP65	F
A41A2424CA30	3000K	2100	240	24V/DC	33,3mm	21,6W	IP65	F
A41A2424CA40	4000K	2380	240	24V/DC	33,3mm	21,6W	IP65	F
A41A2424CA65	6500K	2430	240	24V/DC	33,3mm	21,6W	IP65	F

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 24V autoadesive IP65

- Elevato CRI Ra>95
- 112 led/m - 10W/m - LED2835
- 160 led/m - 14,4W/m - LED2835
- 240 led/m - 21,6W/m - LED2835
- Superiore durata nel tempo, adesivo resistente 3M VHB
- Disponibile nei colori standard 2700K, 3000K, 4000K e 6500K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP65

- High CRI Ra>95
- 112 led/m - 10W/m - LED2835
- 160 led/m - 14,4W/m - LED2835
- 240 led/m - 21,6W/m - LED2835
- High life time - Fitted with high resistant 3M VHB adhesive tape
- Available in standard 2700K, 3000K, 4000K e 6500K
- Supplied in 5m roll with connecting cable

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LED 2216

SLIM 4mm - 24V - IP20

4,5/11 Watt/m | IP 20 | CRI>80 | III | t_a -10°÷ +40°C



up to **145 lm/w**

50 mm / 140 led/m
4 mm

33.3 mm / 210 led/m
4 mm

33,3 mm / 180led/m
4 mm

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41F24144527	2700K	540	140	24V/DC	50mm	4,5W	IP20	E
A41F24144530	3000K	620	140	24V/DC	50mm	4,5W	IP20	E
A41F24144540	4000K	650	140	24V/DC	50mm	4,5W	IP20	E
A41F24210827	2700K	980	210	24V/DC	33,3mm	8W	IP20	E
A41F24210830	3000K	1080	210	24V/DC	33,3mm	8W	IP20	E
A41F24210840	4000K	1140	210	24V/DC	33,3mm	8W	IP20	E
A41F24181130	3000K	1070	180	24V/DC	33,3mm	11W	IP20	F

** The EEC specification refers in each case to the installED light source(s)

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Strisce flessibili a LED 24V autoadesive IP20
- 140 led/m - 4,5W/m - LED 2216
- 210 led/m - 8W/m - LED 2216
- 180 ed/m - 11W/m - LED 2216
- Ultra slim: 4mm
- Ridotta spaziatura dei LED per una luce omogenea
- Disponibile nei colori standard 2700K, 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20
- 140 led/m - 4,5W/m - LED 2216
- 210 led/m - 8W/m - LED 2216
- 180 ed/m - 11W/m - LED 2216
- Ultra slim: 4mm
- Reduced space between diodes for homogeneous output light
- Color temperatures available: 2700K, 3000K and 4000K
- Supplied in 5m reels with connecting cable.

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LED 2216 - 24V - IP20



up to
100 lm/w

33,3 mm / 180 led/m
8 mm

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41F24182030	3000K	1130	180	24V/DC	33,3mm	11,5W	IP20	F
A41F24182040	4000K	1180	180	24V/DC	33,3mm	11,5W	IP20	F

** The EEC specification refers in each case to the installED light source(s)

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Strisce flessibili a LED 24V autoadesive IP20
- 180 led/m - 11,5W/m - LED 2216
- Ridotta spaziatura dei LED per una luce omogenea
- Disponibile nei colori standard 3000K e 4000K
- Fornite in nastro da 5m e cavetto di raccordo.

24V Flexible adhesive LED strips IP20
- 180 led/m - 11,5W/m - LED 2216
- Reduced space between diodes for homogeneous output light
- Color temperatures available: 3000K and 4000K
- Supplied in 5m reels with connecting cable.

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3Dimension - 24V - IP20



up to 90 lm/w

100 mm 60 led/m

6 mm



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A413D2460027	2700K	380	60	24V/DC	100mm	4,8W	IP20	G
A413D246000W	3000K	380	60	24V/DC	100mm	4,8W	IP20	G
A413D246000N	4000K	420	60	24V/DC	100mm	4,8W	IP20	G
A413D246000B	6000K	400	60	24V/DC	100mm	4,8W	IP20	G

** The EEC specification refers in each case to the installED light source(s)

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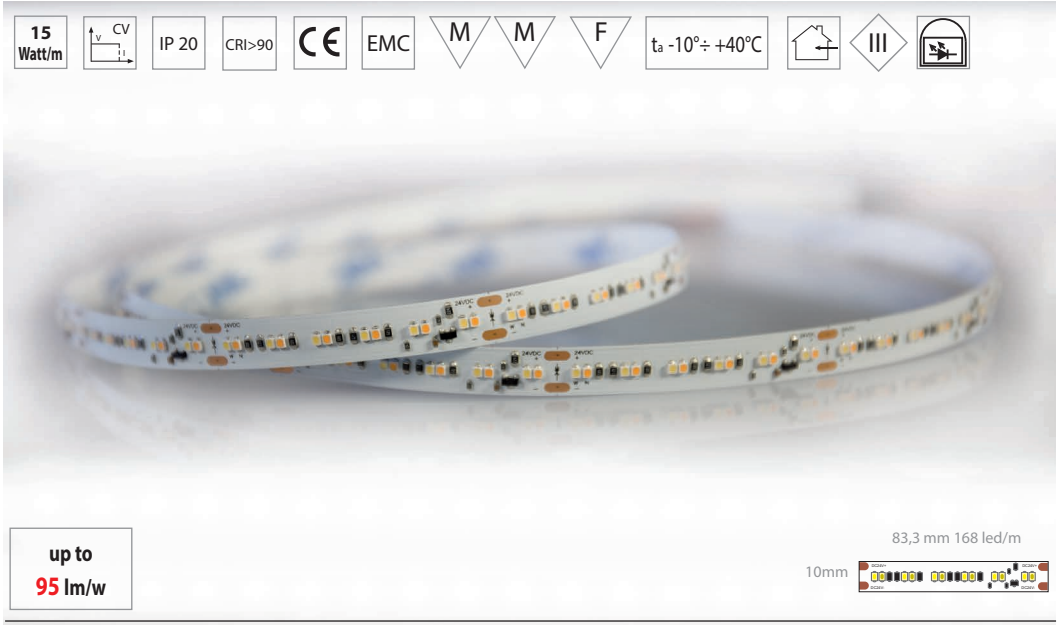
Strisce a LED 24V con piega angolare IP20
- 60 led/m - 4,8W/m - LED3528
- Superiore durata nel tempo, doppio rame rinforzato.
- Possibile montaggio con pieghe a 90° o curve
- Disponibile nei colori standard 3000K, 4000K e 6000K
- Fornite in nastro da 5m e cavetto

24V Flexible adhesive LED strips for corner bending IP20
- 60 led/m - 4,8W/m - LED3528
- High life time - Pcb in reinforced copper for better heat dissipation
- Can be bent at 90° or similar curves
- Available in standard colours 3000K, 4000K and 6000K
- Supplied in 5m reels with connecting cable

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DIM-TO-WARM - 24V - IP20

DW LED 2835



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41DW242027W	2000+2700K	320+1360	84+84	24V/DC	83,3mm	15W	IP20	G

** The EEC specification refers in each case to the installED light source(s)

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Strisce a LED 24V autoadesive IP20
- 84+84 led/m - 15W/m - LED 2835
- Regolazione continua della temperatura di colore (da 2000K a 2700K) tramite alimentatore regolabile PWM
- Dimmerabile DALI e pulsante
- Fornite in nastro da 5m e cavetto di raccordo

24V adhesive LED strips IP20
- 84+84 led/m 2835 - 15W/m - LED 2835
- Regulation of color temperature (from 2000K to 2700K) by a PWM dimmable driver
- Dali and Push-Button dimmable
- Supplied in 5m reels with connecting cable

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TW DOUBLE CHIP - 24V - IP20

10/13 Watt/m | CRI>80 | IP 20 | III | t_a -10°÷ +40°C



up to 170 lm/w



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41D241600CT	2700+6500K	2120+2230	80+80	24V/DC	50mm	13+13W	IP20	D
A41D241610CT	2700+6500K	1620+1720	80+80	24V/DC	50mm	10+10W	IP20	D

** The EEC specification refers in each case to the installED light source(s)

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RECOMMENDED DRIVERS:



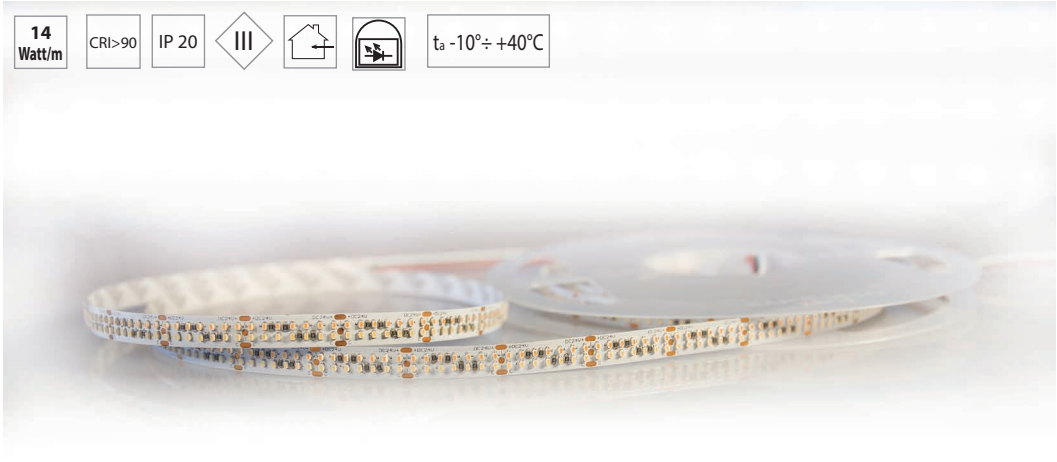
Codice/Code: **A40PBX100TWB**
TW 24V Led Driver
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Strisce flessibili autoadesive a LED 24V TW IP20
- Utilizza LED 2835D doppio chip ad alta efficienza
- 80+80led/m - 13+13W/m o 10+10W/m
- Bianco dinamico 2700-6500K
- Montaggio su profili in alluminio obbligatorio
- Fornite in nastro da 5m e cavetto di raccordo

24V Flexible adhesive TW LED strips IP20
- Supplied with Leds 2835D Double Chip - High Efficiency
- 80+80 led/m - 13+13W/m or 10+10W/m
- Tunable White 2700-6500K
- Installation on aluminum profiles
- Supplied in 5m reel with connecting lead

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TW - 24V - IP20



up to **85** lm/w



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41ST24560CT	2700+6500K	1080+1190	280+280	24V/DC	25mm	14+14W	IP20	G

** The EEC specification refers in each case to the installED light source(s)

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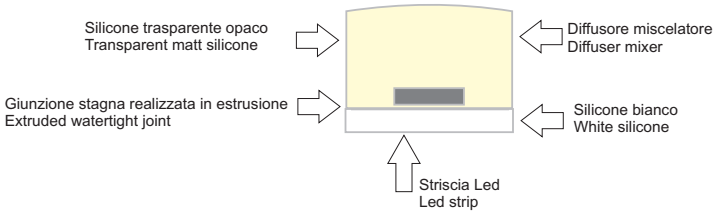
Codice/Code: **A40PBX100TWB**
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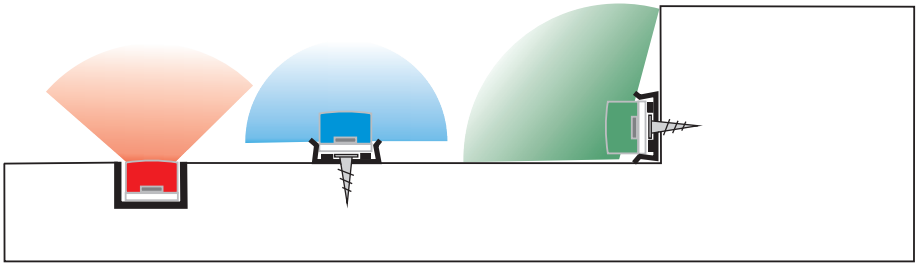
Strisce a LED 24V autoadesive TW IP20
- LED 2110 con ridotta spaziatura - Doppia fila
- Assenza di puntinatura anche con profili di basso spessore
- 280+280 led/m - 14+14W/m
- Tunable White 2700-6500K
- Fornite in nastro da 5m e cavetto di raccordo

24V adhesive LED strips TW IP20
- LED 2110 with reduced space among leds - Double line
- No dots visible even in very thin profiles
- 280+280 led/m - 14+14W/m
- Tunable White 2700-6500K
- Supplied in 5m reels with connecting cable

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NEON RGB - IP67 - Outdoor





Le strisce LED NEON RGB in silicone offrono nuove possibilità di illuminazione lineare, efficiente ed uniforme, sia nel campo decorativo che in quello della luce di segnalazione.
Si tagliano e si piegano in modo da poterle adattare perfettamente allo spazio che si intende illuminare.
Autodissipanti e impermeabili, possono essere installate a contatto con il legno, il muro e in ambienti outdoor dove è presente umidità e acqua salata.
Resistente agli UV e agli agenti chimici delle acque, adatto a piscine e acqua salata, resistente alle alte temperature.
In caso di taglio utilizzare solo in ambienti interni.

NEON RGB LED strips in silicon material offer new linear, efficient and uniform lighting possibilities, both in the decorative and in the signal lighting field.
They can be cut and folded so as to be able to adapt them perfectly to the space to be illuminated.
Self-dissipating and waterproof, they can be installLED in contact with wood, wall and in outdoor environments where humidity and salt mist are present.
UV and chemical agents of water resistant, suitable for swimming pools and salt water, high temperatures resistant. In case of strip cuts, strip can be used only indoor.

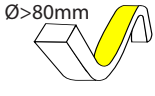
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NEON RGB - IP67 - Outdoor

RGB LED 3838



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41N2414H0RG 5m	RGB	640	144	24VDC	41,7mm	14W	IP67
A41N2414H1RG 10m	RGB	360	144	24VDC	41,7mm	8W	IP67
A41KITNRGOUT	Kit: 4 end caps, 2 front caps, 10 clips, 10 screws, 2 x glue						
A41BARNEONH0	1mt aluminum profile						



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RECOMMENDED DRIVER:



Codice/Code: **A40RGBX424EB**
RGB+W 24V Led Driver
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Strisce flessibili a LED 24V RGB IP67

- Fornite in nastro da 5m o 10m e cavetto di raccordo
- Rolla 5m: 144 led/m - 14W/m LED 3838
- Rolla 10m: 144 led/m - 8W/m LED 3838
- Strisce da incorporare direttamente senza profilo.
- Ridotta spaziatura dei LED per una luce continua senza punti
- Rolla da 5m fornita con 4 tappi di chiusura, 2 tappi per ripartenza, 10 clips di fissaggio, 10 viti e 2 tubetti di colla.
- Rolla da 10m fornita con 8 tappi di chiusura, 4 tappi per ripartenza, 20 clips di fissaggio, 20 viti e 4 tubetti di colla.
- Realizzata in silicon, alta resistenza agli agenti atmosferici

24V Flexible LED strips RGB IP67

- Supplied in 5m or 10m reels with connecting cable
- 5m reel: 144 led/m - 14W/m LED 3838
- 10m reel: 120 led/m - 8W/m LED 3838
- Direct installation (no profile needed)
- Reduced space between diodes for homogeneous output light
- 5m reel supplied with 4 end caps, 2 front caps, 10 clips, 10 screws, 2 x glue
- 10m reel supplied with 8 end caps, 4 front caps, 20 clips, 20 screws, 2 x glue
- Made in silicon material, high resistance to atmosferic agents.

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RGB EVO - IP20 & IP65

14,4 Watt/m | IP 20 | IP 65 | III | t_a -10°÷ +40°C | RGB



50 mm 120 Led/m

8 mm 

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41ST241200R	RGB	600	120	24V/DC	50mm	14,4W	IP20
A41ST24120AR	RGB	600	120	24V/DC	50mm	14,4W	IP65

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ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBX424EB**
RGB+W 24V Led Driver
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Strisce flessibili a LED 24V RGB autoadesive IP20/IP65

- 120 led/m - 14,4W/m - LED 3535
- IP20: Per montaggio su profili in alluminio, da incorporare
- IP65: Per applicazioni in luoghi asciutti e umidi all'interno di edifici - Protezione in silicone morbido contro la polvere e i getti d'acqua, fissaggio con autoadesivo
- Fornite in nastro da 5m e cavetto di raccordo

24V flexible adhesive RGB LED strips IP20/IP65

- 120 led/m - 14,4W/m - LED 3535
- IP20: For installation in aluminum profiles to be built in
- IP65: External soft silicon protection against dust and water jets, positioning by adhesive strip.
- Supplied in 5m reel with connecting cable

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RGB SUPER BRIGHT - IP20 & IP65



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41ST241120R	RGB	1105	112	24V/DC	71,4mm	19,2W	IP20
A41ST24112AR	RGB	1105	112	24V/DC	71,4mm	19,2W	IP65

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ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBX424EB**
RGB+W 24V Led Driver
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Strisce flessibili a LED 24V RGB autoadesive IP20/IP65

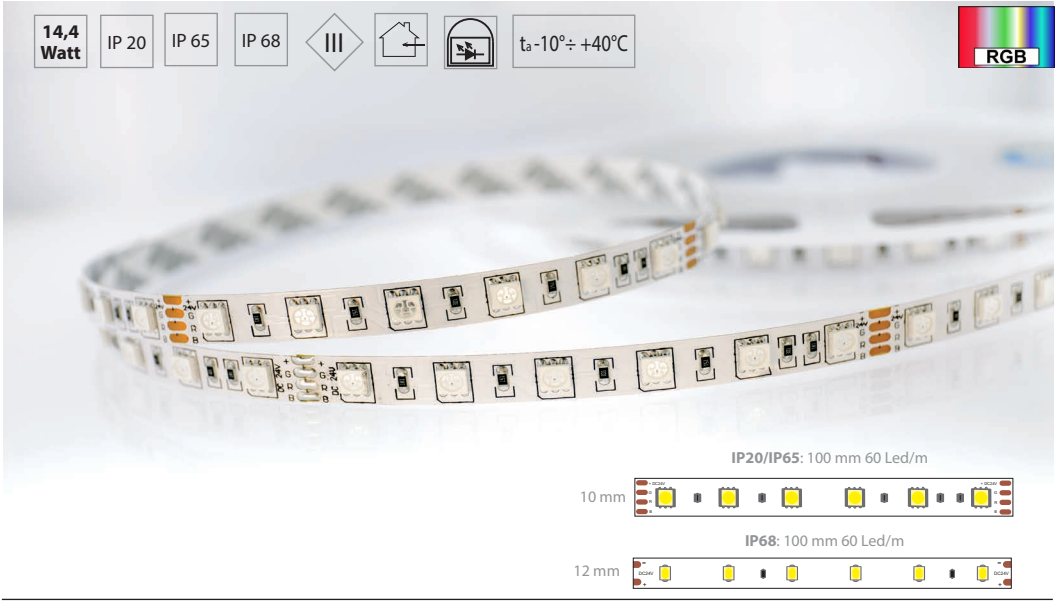
- 112led/m - 19,2W/m - LED3535
- IP20: Per montaggio su profili in alluminio, da incorporare
- IP65: Protezione in silicone morbido contro la polvere e i getti d'acqua, fissaggio con autoadesivo
- Fornite in nastro da 5m e cavetto di raccordo

24V flexible adhesive RGB LED strips IP20/IP65

- 112led/m - 19,2W/m - LED3535
- IP20: For installation in aluminum profiles to be built in
- IP65: External soft silicon protection against dust and water jets, positioning by adhesive strip.
- Supplied in 5m reel with connecting cable

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RGB BASIC - IP20/IP65/IP68



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41ST24600RG	RGB	600	60	24V/DC	100mm	14,4W	IP20
A41ST2460ASR	RGB	600	60	24V/DC	100mm	14,4W	IP65
A41ST2460ISR	RGB	600	60	24V/DC	100mm	14,4W	IP68

Datasheet download

ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBX424EB**
RGB+W 24V Led Driver
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Strisce flessibili a LED 24V RGB autoadesive IP20/IP65/IP68

- 60 led/m - 14,4W/m - LED 5050
- IP20: Per montaggio su profili in alluminio, da incorporare
- IP65: Per applicazioni in luoghi asciutti e umidi all'interno di edifici - Protezione in silicone morbido contro la polvere e i getti d'acqua, fissaggio con autoadesivo
- IP68: Adatto alla esposizione diretta ai raggi solari e basse temperature. (non adatto all'asciutto). Protezione esterna in silicone con riempimento in resina siliconica trasparente.
- Fornite in nastro da 5m e cavetto di raccordo

24V flexible adhesive RGB LED strips IP20/IP65/IP68

- 60 led/m - 14,4W/m - LED 5050
- IP20: For installation in aluminum profiles to be built in.
- IP65: For dry and wet indoor installations.. External soft silicon protection against dust and water jets, positioning by adhesive strip.
- IP68: Suitable for direct sun exposition and low temperatures - Not suitable for dry installations. Outer protection silicon filled with silicon transparent resin.
- Supplied in 5m reel with connecting cable

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RGB+W - IP20 & IP65

RGBW LED 3527



RGBW
100mm 120led/m

10 mm 

Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP
A41S24120RW0	RGB+2700K	1040	120	24V/DC	100mm	19,2W	IP20
A41S24120RW3	RGB+3000K	1130	120	24V/DC	100mm	19,2W	IP20
A41S24120RW4	RGB+4000K	1200	120	24V/DC	100mm	19,2W	IP20
A41S2412ARW0	RGB+2700K	1020	120	24V/DC	100mm	19,2W	IP65

Datasheet download

ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBX424EB**
RGB+W 24V Led Driver
Page: 192

Strisce flessibili autoadesive a LED RGB+W 24V
- Utilizza LED 3527 Rosso, Verde, Blu e Bianco 2700K/3000K/4000K
- 120 led/m - 19,2W/m
- Montaggio su profili in alluminio obbligatorio
- Alimentazione standard 24V/DC, 4 canali
- Fornite in nastro da 5m e cavetto di raccordo

24V Flexible adhesive RGB+W LED strips
- Leds 3527 red, green, blue and white 2700K/3000K/4000K Leds
- 120 led/m - 19,2W/m
- Installation on aluminum profiles
- Standard operation at 24V/DC - 4 channels
- Supplied in 5 mt reel with connecting lead

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Notes

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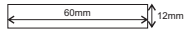

QTMCT V1.0
QTTM V2.0
QTT V3.0
QTTD0 V1.0
QTTREV
V1.0
IN
OUT

PIR & SENSOR SWITCHES

Interruttore a tocco per profili alluminio
- Accende spegne con sfioramento della molla
- Sensibile attraverso policarbonato fino a 2mm
- Led di segnalazione blu. A richiesta led bianco
- Memoria di stato
- Corrente massima 3A (6A a richiesta)

Touch switch for alluminum profiles
- On and off by spring touch
- Sensible even up to 2mm policarbonate cover
- White or blue signaling Led. White led on request.
- With memory function
- Max current 3A (6A on request)





A40QTT1M0000	ON/OFF/memory	72W@24V 36W@12V
A40QTT1D0000	ON/OFF/memory/ dimming	72W@24V 36W@12V

Interruttore a tocco per profili alluminio
- Accende spegne con sfioramento della molla
- Sensibile attraverso policarbonato fino a 2mm
- Led di segnalazione blu. A richiesta led bianco
- Memoria di stato
- Corrente massima 3A (6A a richiesta)

Touch switch for alluminum profiles
- On and off by spring touch
- Sensible even up to 2mm policarbonate cover
- White or blue signaling Led. White led on request.
- With memory function
- Max current 3A (6A on request)



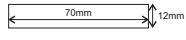


A40QTT1MSL00	ON/OFF/memory	72W@24V 36W@12V

Interruttore a tocco Tunable White per profili alluminio
- Accende, spegne e cambia temperatura di colore
- Sensibile attraverso policarbonato fino a 2mm
- Led di segnalazione blu. A richiesta led bianco
- Memoria di stato
- Corrente massima 2 x 3A

Tunable white Touch switch for alluminum profiles
- On, off and color temperature changing
- Reactive even up to 2mm policarbonate cover
- White or blue signaling Led. White led, on request
- NO memory function
- Max current 2 x 3A



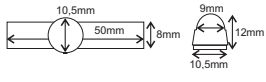


A40QTT1CT000	ON/OFF/memory/TW	72W@24V 36W@12V

Interruttore PIR per profili alluminio
- Sensore a infrarosso passivo per interni
- Area di intervento 110° 3 m
- Temporizzatore 50 sec (a richiesta altri tempi)
- Corrente massima 3A

PIR sensor for profiles
- Passive IR sensor for indoor use
- Detection range 110° 3m
- Adjustable delay time 50 sec (other time settings on request)
- Max output current 3A



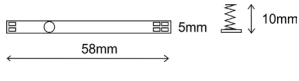


A40PIRSW0010 72W@24V 36W@12V

Interruttore a tocco per profili alluminio
- Accende spegne con sfioramento della molla
- Sensibile attraverso policarbonato fino a 2mm
- Led di segnalazione blu. A richiesta led bianco
- Memoria di stato
- Corrente massima 2,5A

Touch switch for alluminum profiles
- On and off by spring touch
- Sensible even up to 2mm policarbonate cover
- White or blue signaling Led. White led on request.
- With memory function
- Max current 2,5A



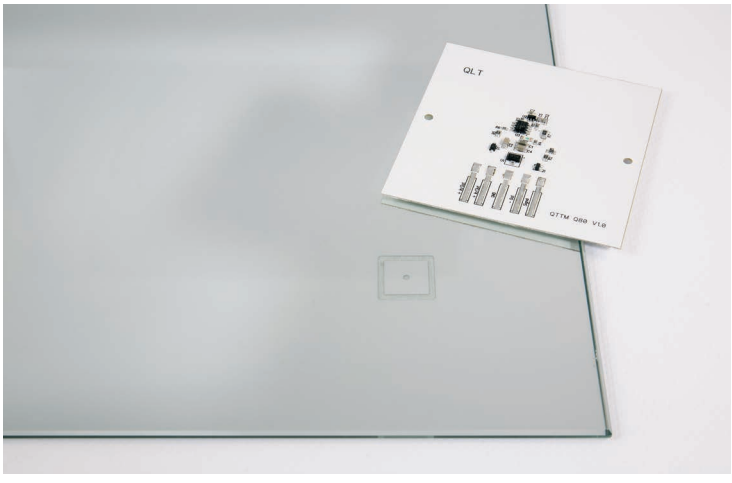


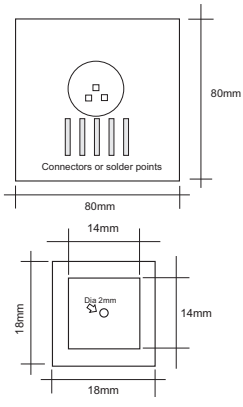
A40QTT1D5000	ON/OFF/memory/ dimming	72W@24V 36W@12V

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QTT Sensore per specchi

50/100 Watt | CV | IP 00 | CE | M | M | F | t_a -20°÷+60°C | III





Mirror sensor specification

Part Number	Output V	Vout	Output@24V W	Output@12V W	Dimensions A x B
A40QTT1MQ800	Vin-0,1V	230V/AC	4,16A 100W	4,16A 50W	80x80
A40QTT1DQ800	Vin-0,1V	230V/AC	4,16A 100W	4,16A 50W	80x80

Interruttore al tocco per specchi
- Interruttore al tocco per specchi
- Led di segnalazione blu
- Funziona a tensione costante 12/24V max 4,16A
- Montaggio con isolamento biadesivo già fornito
- Versione QTT1MQ80 on/off con memoria di stato
- Versione QTT1DQ80 on/off e dimmer
- Connessione attraverso morsetti rapidi o cavo a saldare

Touch switch for mirrors
- Touch switch for mirrors
- Blue signaling led
- Operating at constant voltage 12/24V max 4,16A
- Mounting with isolated bi-adhesive tape placed on the back
- Type QTT1MQ80 on/off with memory function
- Type QTT1DQ80 on/off and dimming
- Connection through small fast terminals or cable to be soldered

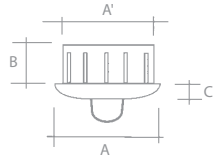
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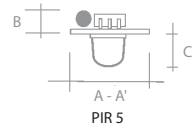
PIR5 Movement Detector

CE | EMC | M | M | F | IP 20 | t_a -10°÷ +40°C | 31 mm









Part Number	Vin	Vout	Output@230V W	Output@110V W	Dimensions A x A' x B x C
A70PIR500000	230V/AC	230V/AC	5 ÷ 150	5 ÷ 150	25 x 22 x 10 x 13
A70PIR5A000B	230VAC	230V/AC	5 ÷ 150	5 ÷ 150	35 x 31 x 16 x 4

Rilevatore di movimento da incasso

- Classe II d'isolamento - IP20 - Da incassare nel legno o metallo o da incorporare in faretti da incasso Ø 35 mm.
- Per carichi induttivi, capacitivi o resistivi fino a 150W (a 110VAC 5-75W)
- Temporizzazione: 20 sec (a richiesta 3 minuti)
- Rileva il calore disperso da un corpo umano in movimento fino ad una distanza massima di 4m. Start-up time: 1 min.
- E' adatto all'installazione in luoghi dove avviene il passaggio di persone - Rileva anche animali domestici come cani e gatti, ma non rileva piccoli animali o insetti
- Solo per installazioni d'interni e in luoghi protetti da spruzzi d'acqua
- Applicazioni consigliate: specchi da bagno (verificare il perimetro di sicurezza dall'acqua), luci scale, ingressi, cucine, armadi, espositori e incorporato all'interno di corpi illuminanti - Applicazioni sconsigliate: luoghi dove per vari motivi si rimane immobili a lungo (sale lettura, camere da letto), luoghi soggetti a forti sbalzi di temperatura (sauna o simili) o a forti correnti d'aria.
- Fornito con cavetti di collegamento

Built-in motion detector

- Insulation class II - IP20 - Built-in motion detector -- To build directly in wood shelves, in metal sheets or in Ø 35 mm spots
- For inductive, capacitive and resistive loads up to 150W (at 110VAC 5-75W)
- Timer setting: 20 sec (3 minutes on request)
- It detects heat radiating from a human being in movement up to a max. distance of 4m - Start-up time: 1min.
- It is particularly suitable for being installed in areas where there is a lot of human movement - It also detects animals like dogs and cats but not small animals and insects
- Only for indoor installations and places protected by water splashes
- Advised applications: bathroom mirrors (take care of the safety perimeter fom water), staircase lighting, halls, kitchens, wardrobes, displays and built in any lighting fixture - Unadvised applications: places where people stay still for a long time (reading rooms, bedrooms and so on) and places subjected to sudden changes in temperature (sauna and similars) or to strong draughts.
- Supplied with connecting cables

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Dimmable LED Drivers



Dimmable LED Drivers

Sistemi di regolazione della luce

Sistemi analogici 1÷10V e 0÷10V
La regolazione avviene attraverso un segnale analogico a bassa tensione secondo la norma EN 60929 E .
Con una tensione variabile da 0 a 10V l'alimentatore regola il carico in uscita con un segnale PWM dal 10% al 100%. La curva è lineare.
Ogni dispositivo sulla linea fornisce una corrente sui morsetti di regolazione per permettere il controllo passivo per mezzo di un potenziometro. Il potenziometro può essere di tipo lineare o logaritmico per cambiare la curva di regolazione.
In caso di più dispositivi collegati insieme sulla stessa linea, un regolatore esterno provvede ad alimentare tutti i dispositivi in modo passivo fino a 5 alimentatori circa, o attivo, per impianti più complessi.
La differenza tra i due sistemi è nel comportamento quando la regolazione è al minimo , il sistema 0÷10V spegne l'apparecchio se la linea scende sotto a 1V , mentre nel sistema 1÷10V l'apparecchio rimane acceso al minimo.
Nel caso 0÷10V si utilizza il comando stesso per spegnere l'apparecchio, mentre nel caso 1÷10V si utilizza un comando sul circuito di potenza per spegnere l'apparecchio.
Tutti i dispositivi sulla linea si comportano allo stesso modo e non è possibile regolarli singolarmente.

TRIAC, IGBT , Mosfet
La regolazione viene effettuata con un alimentatore specifico che comanda il carico.
L' alimentazione viene parzializzata dal dimmer collegato sul lato primario; a seconda del sistema di controllo del dimmer la tensione di alimentazione viene parzializzata con sistemi diversi ma sempre interrompendo la tensione per periodi variabili sul primario.
Questo tipo di regolazione è abbastanza impreciso a causa della molteplicità di dispositivi disponibili sul mercato e il livello minimo della luce non scende mai a livelli molto bassi per non creare instabilità nel sistema.
Si consiglia sempre di usare regolatori con livello del minimo regolabile e compatibili con il carico LED .
L' impianto è molto semplice da realizzare e non richiede particolari conoscenze tecniche se non il controllo dei componenti che devono essere tutti compatibili con questo tipo di regolazione . Lampadine LED o carico LED , l'alimentatore e il dimmer o regolatore devono riportare l'indicazione di carico LED o regolazione a TRIAC IGBT .

DALI Digital Addressable Lighting Interface
DALI è un protocollo digitale che permette la regolazione di apparecchi dotati di questo sistema.
Il protocollo è normato e standardizzato secondo la norma EN 62386 con diversi requisiti 101,102,207,209 a seconda dell'impiego.
Le informazioni sulla linea DALI permettono di comandare più dispositivi in modo indipendente e possono essere realizzati controlli complessi . Ogni dispositivo viene indirizzato con un codice unico .
Oltre a ricevere i comandi, ogni dispositivo può a sua volta trasmettere informazioni al sistema di controllo (Master) circa guasti, conferme sui comandi ricevuti, ore di lavoro, allarmi e altro.
Il sistema DALI è stato perfezionato negli anni passando da DALI1 a DALI2 e sviluppando diversi codici per controllare i dispositivi a luce bianca DT6 o luce colorata DT8.
Un impianto DALI prevede un MASTER che invia comandi ai dispositivi (Max 6 4) e un alimentatore per la linea DALI a bassa tensione . Nei sistemi più complessi ci possono essere più dispositivi di comando Master
La linea DALI non è polarizzata e i cavi possono essere molto lunghi.
I dispositivi vengono indirizzati e creati gruppi attraverso un software in fase di creazione dell'impianto .
Il sistema DT6 prevede che a ogni dispositivo venga assegnato un indirizzo, che viene utilizzato per la luce bianca, regolabile in 256 livelli .
Il sistema DT8 permette di utilizzare dispositivi con due o più canali utilizzando un solo indirizzo quindi il segnale sarà semplificato e più veloce nella esecuzione dei comandi, DT8 è un sistema specifico per comandare sistemi "Tunable White" a due canali o sistemi RGB o RGBW (tre e quattro canali). In particolare, per regolare la luce colorata, il sistema DT8 prevede diversi sistemi basati su coordinate cromatiche o colore RGBWAF , quest'ultimo scelto da QLT per i suoi dispositivi.

Regolazione a pulsante
Il sistema più semplice per regolare un apparecchio luminoso è con un pulsante, ormai nella conoscenza comune tutti possono premere per accendere la luce e tenere premuto per regolare la luce .
Si tratta di un sistema semplice ed efficace per le abitazioni private e molto economico, più pulsanti sulla stessa linea possono realizzare impianti relativamente complessi e facili da gestire .
La linea pulsante deve essere a tensione di rete , infatti i cavi del comando scorrono insieme ai cavi di alimentazione e quindi devono essere immuni dalle interferenze per lunghe tratte.
Nel caso di comandi a pulsante in bassa tensione , essi sono idonei per installazioni in luoghi umidi quali bagni , cabine doccia etc.. nel caso vengano usati in comune con cavi ad alta tensione, si devono utilizzare collegamenti in doppio isolamento e lunghezze ridotte a causa della possibile interferenza dei segnali.
Normalmente la linea pulsante è in comune con la linea DALI perché per sua natura la linea DALI è isolata dal resto del sistema e può lavorare a tensione elevata senza problemi, quindi i due sistemi convivono sulla stessa linea di comando ma solo in alternativa tra loro non in comune . Anche dispositivi complessi come sistemi WIFI o BLE hanno ingresso per un pulsant,e per poter sempre e comunque comandare la luce in caso di mancanza di rete o come comando ausiliario.

DMX 512
Sistema di regolazione digitale a bassa tensione utilizzato principalmente per la regolazione del colore , creato nel 1986 e aggiornato in seguito dall' USITT (United States Institute for Theatre Technology)
Il Master invia un segnale a dispositivi indirizzati secondo un sistema aperto , ovvero senza ricevere risposta. Gli indirizzi vengono impostati in codice esadecimale attraverso dei DIPSWITCH in fase di installazione. Il comando inviato raggiunge il dispositivo, che lo esegue senza effettuare nessun controllo. La linea di comando DMX a bassa tensione è composta da un Master , dei dispositivi e un terminatore che mantiene la linea a una impedenza stabilita , 120 Ohm, per evitare interferenze. La linea è polarizzata. Il sistema utilizzato per la trasmissione è il comune RS485 monodirezionale industriale . Tale sistema risulta molto veloce e adatto a effetti luminosi quali impiego in teatri , discoteche etc.. Il sistema non viene comunemente utilizzato nel controllo della luce bianca.

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LED light regulation systems

Analog systems 1÷10V and 0÷10V
The regulation takes place via a low voltage analog signal according to the EN 60929 E standard.
With a variable voltage from 0 to 10V the power supply regulates the output load with a PWM signal from 10% to 100%. The curve is linear.
Each device on the line supplies a current to the regulation terminals to allow passive control by means of a potentiometer.
The potentiometer can be linear or logarithmic to change the adjustment curve. In the case of multiple devices connected together on the same line, an external regulator powers all the devices passively, up to approximately 5 power supplies, or actively, for more complex systems.
The difference between the two systems is in the behavior when the regulation is at minimum, the 0÷10V system turns off the appliance if the line drops below 1V, while in the 1÷10V system the appliance remains on at minimum.
In the 0÷10V case, the command itself is used to turn off the appliance, while in the 1÷10V case, a command on the power circuit is used to turn off the appliance.
All devices on the line behave the same way and it is not possible to adjust them individually.

TRIAC, IGBT, Mosfet
The regulation is carried out with a specific power supply that controls the load.
The power supply is partialized by the dimmer connected on the primary side; depending on the dimmer control system, the supply voltage is partialized with different systems but always interrupting the voltage for variable periods on the primary.
This type of regulation is quite imprecise due to the multiplicity of devices available on the market and the minimum light level never drops to very low levels so as not to create instability in the system.
It is always recommended to use regulators with adjustable minimum level and compatible with the LED load.
The system is very simple to create and does not require particular technical knowledge other than the control of the components which must all be compatible with this type of regulation. LED bulbs or LED load, the power supply and the dimmer or regulator must indicate the LED load or TRIAC IGBT regulation.

DALI Digital Addressable Lighting Interface
DALI is a digital protocol that allows the regulation of devices equipped with this system.
The protocol is regulated and standardized according to EN 62386 with different requirements 101,102,207,209 depending on the use.
The information on the DALI line allows multiple devices to be controlled independently and complex controls can be created. Each device is addressed with a unique code. In addition to receiving commands, each device can in turn transmit information to the control system (Master) about faults, confirmations on commands received, working hours, alarms, etc. etc.
The DALI system has been perfected over the years, moving from DALI1 to DALI2 and developing different codes to control DT6 white light or DT8 colored light devices.
A DALI system includes a MASTER that sends commands to the devices (Max 64) and a power supply for the low voltage DALI line. In more complex systems there may be multiple Master control devices
The DALI line is not polarized and the cables can be very long.
The devices are addressed and created groups through software during the creation of the system.
The DT6 system requires that each device is assigned an address, which is used for the white light, adjustable in 256 levels.
The DT8 system allows you to use devices with two or more channels using a single address so the signal will be simplified and faster in the execution of commands. DT8 is a specific system for controlling two-channel "Tunable White" systems or RGB or RGBW systems (three and four channels). In particular, to regulate colored light, the DT8 system provides different systems based on chromatic coordinates or RGBWAF color, the latter chosen by QLT for its devices.

Push button adjustment
The simplest system for regulating a light fixture is with a push-button; now, in common knowledge, everyone knows that pressing the push-button turns on the light and holding down regulates the light.
It is a simple and effective system for private homes and very economical; multiple push-buttons on the same line can create relatively complex and easy to manage systems.
The push-button line must be mains voltage, in fact the control cables run together with the power cables and therefore must be immune to interference for long distances.
In the case of low voltage push-button controls, they are suitable for installations in humid places such as bathrooms, showers, etc.. if they are used in common with high voltage cables, double insulation connections and reduced lengths must be used due to of possible signal interference.
Normally the push-button line is in common with the DALI line because by its nature the DALI line is isolated from the rest of the system and can work at high voltage without problems, therefore the two systems coexist on the same control line but only as an alternative to each other, not in common. Even complex devices such as WIFI or BLE systems have an input for a push-button, to always be able to control the light in the event of a power failure or as an auxiliary control.

DMX 512
Low voltage digital dimming system used primarily for color dimming, created in 1986 and later updated by USITT (United States Institute for Theater Technology). The Master sends a signal to devices addressed according to an open system, without receiving a response. The addresses are set in hexadecimal code through DIP SWITCHES during installation. The command sent reaches the device, which executes it without carrying out any checks. The low voltage DMX control line is made up of a Master, devices and a terminator which keeps the line at a set impedance, 120 Ohm, to avoid interference. The line is polarized. The system used for transmission is the common industrial monodirectional RS485.
This system is very fast and suitable for lighting effects such as use in theatres, discos etc. The system is not commonly used in white light control.

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PBX-D Dimmable DALI/1-10V/0-10V/PUSH

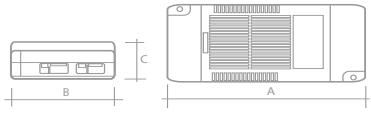
75-200 Watt | CV | SELV | PF λ ≥ 0,98 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C

AC 50Hz | DC | On request | 84 mm

DALI Dimmable | Dimmable | Dimmable 0/1..10

DALI 2





Part Number	Output V	Output@230V I max	W @230V	Output@110V I max	W @110V	Dimensions A x B x C	Protocol	EL 05
A40PB0X075DB	12V/DC	6,25A	75W	5A	60W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH	
A40PBX7524DB	24V/DC	3,12A	75W	2,5A	60W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH	
A40PBX100D0B	24V/DC	4,16A	100W	2,5A	60W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH	•
A40PBX150D0B	24V/DC	6,25A	150W	2,5A	60W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH	•
A40PBX200D0B	24V/DC	8,33A	200W	3,75A	90W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH	

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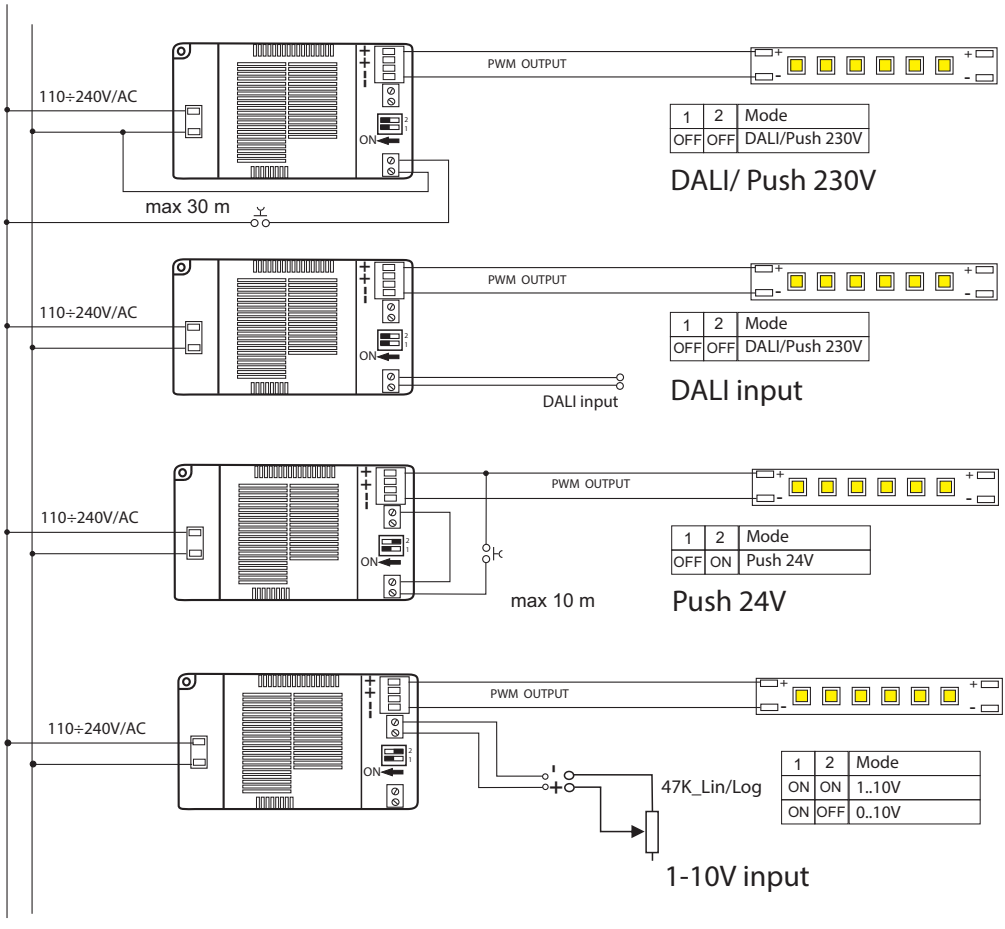
Alimentatore LED dimmerabile DALI/0-10V/ 1-10V/Push

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Comando DALI o pulsante (sul secondario, con memoria), 0-10V, 1-10V o potenziometro, selezionabile tramite impostazione dei dip-switches.
- Possibilità di sincronizzare più alimentatori
- Uscita in tensione costante 12/24V PWM
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Morsetti rapidi
- Doppio morsetto d'uscita
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 230VDC o specifica potenziata a 110V

Dimmable LED Driver DALI/0-10V/1-10V/Push

- For independent use - IP20 - Insulation class II
- Dimming control by DALI or PUSH (on the secondary, with memory), 0-10V, 1-10V or potentiometer, selecting the dipswitch combination on board.
- Possible synchronization of more drivers
- Output in constant voltage 12/24V PWM
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Fast terminals
- Double output.
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC - Steady output. On request, 230VDC input voltage or specific boosted 110V version

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110÷240V/AC
PWM OUTPUT
ON
max 30 m
1 2 Mode
OFF OFF DALI/Push 230V
DALI/ Push 230V
110÷240V/AC
PWM OUTPUT
ON
DALI input
1 2 Mode
OFF OFF DALI/Push 230V
DALI input
110÷240V/AC
PWM OUTPUT
ON
max 10 m
1 2 Mode
OFF ON Push 24V
Push 24V
110÷240V/AC
PWM OUTPUT
ON
47K_Lin/Log
1 2 Mode
ON ON 1..10V
ON OFF 0..10V
1-10V input

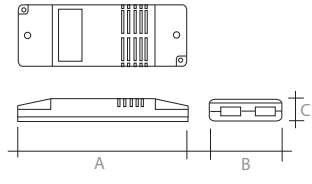
PBFD - Dimmable DALI/PUSH

60÷100 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 64mm | t_a -10°÷ +40°C | AC 50Hz

DALI Dimmable

Dimmable





Part Number	Output V	Output@230V I max	W @230V	Output@110V I max	W @110V	Dimensions A x B x C	Protocol
A40PBF060D0B	24V/DC	2,5A	60W	1,45A	35W	192 x 60 x 22	DALI / PUSH
A40PBF075D0B	24V/DC	3,12A	75W	2,1A	50W	192 x 60 x 22	DALI / PUSH
A40PBF100D0B	24V/DC	4,16A	100W	2,1A	50W	192 x 60 x 22	DALI / PUSH

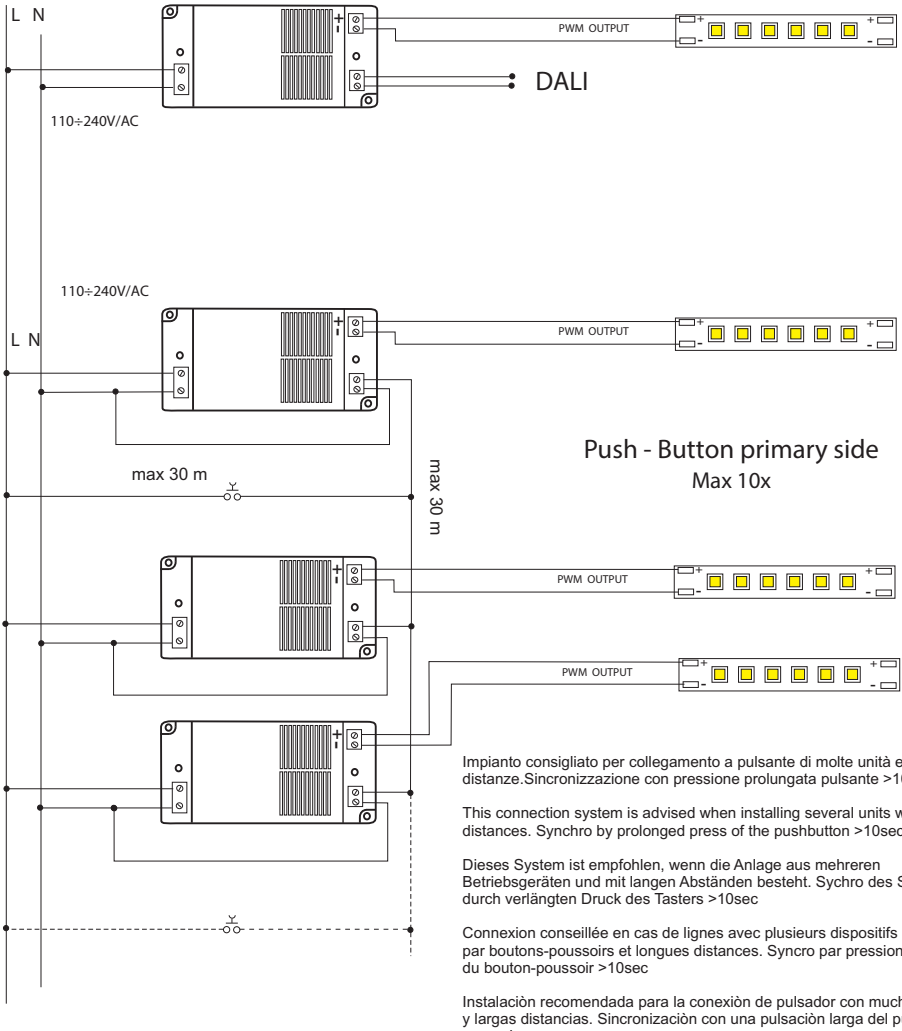
Datasheet download

Alimentatore LED DALI/Push
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante 24VDC, ± 5% PWM 1KHz
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione: 110÷240V/AC - Uscita stabilizzata.

LED Driver DALI/Push
- For indipendent use - IP20 - Insulation class II
- Steady voltage output 24VDC, ± 5% PWM 1KHz
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC - Steady output.

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PBFD - Dimmable DALI/PUSH



Impianto consigliato per collegamento a pulsante di molte unità e lunghe distanze.Sincronizzazione con pressione prolungata pulsante >10sec

This connection system is advised when installing several units with long distances. Synchro by prolonged press of the pushbutton >10sec

Dieses System ist empfohlen, wenn die Anlage aus mehreren Betriebsgeräten und mit langen Abständen besteht. Sychro des Systems durch verlängten Druck des Tasters >10sec

Connexion conseillée en cas de lignes avec plusieurs dispositifs commandés par boutons-poussoirs et longues distances. Syncro par pression prolongée du bouton-poussoir >10sec

Instalaciòn recomendada para la conexiòn de pulsador con muchas unidades y largas distancias. Sincronizaciòn con una pulsaciòn larga del pulsador >10 segundos

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FB-D Flat DALI-Push / 0-10V / 1-10V

60 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 79mm

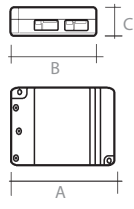
t_a -10°÷ +40°C

DALI Dimmable

Dimmable

Dimmable 0/1..10





Part Number	Output V	Output@230V I max	W @230V	Output@110V I max	W @110V	Dimensions A x B x C	Protocol
A40FB060D00B	24V/DC	2,5A	60W	1,25A	30W	116,5 x 75 x 20	DALI / PUSH
A40FB060010B	24V/DC	2,5A	60W	1,25A	30W	116,5 x 75 x 20	0-10V
A40FB060110B	24V/DC	2,5A	60W	1,25A	30W	116,5 x 75 x 20	1-10V

Datasheet download

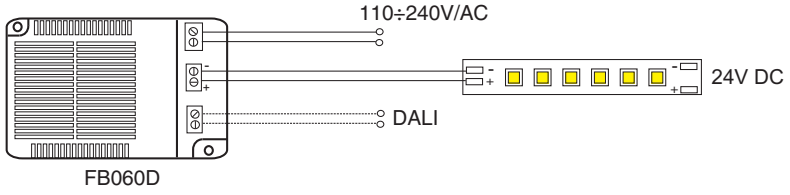
Alimentatore LED compatto DALI/Push -0-10V - 1-10V

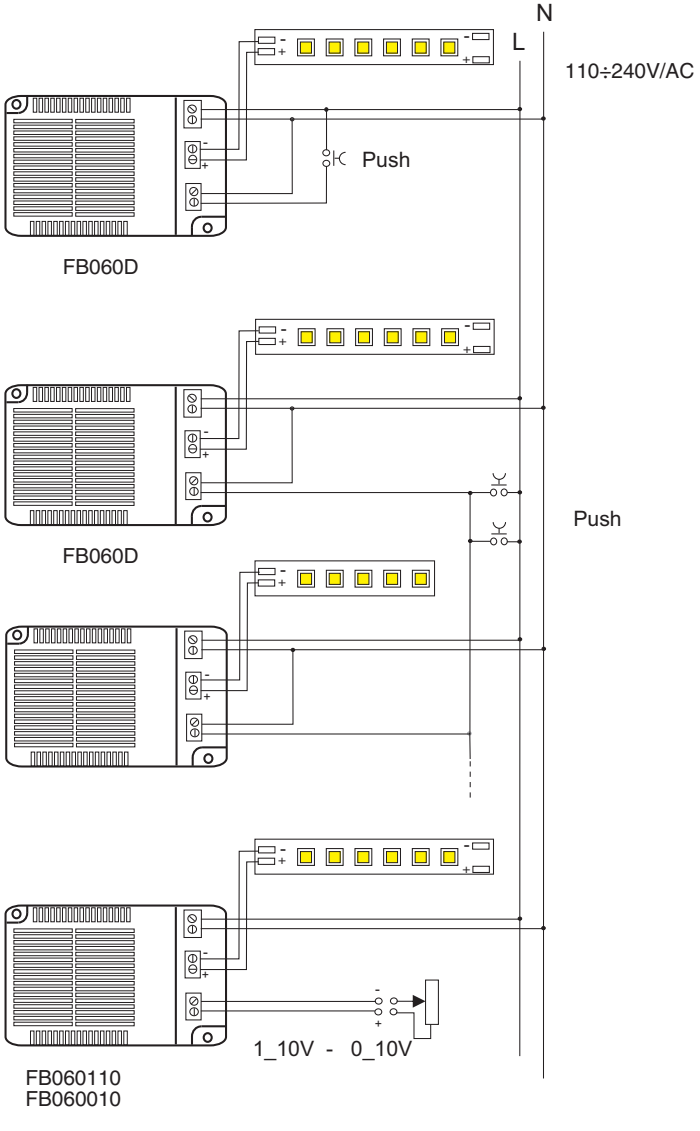
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante 24VDC, ± 5% PWM 1KHz
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alto fattore di potenza
- Basso spessore
- Alimentazione: 110÷240V/AC - Uscita stabilizzata.

Compact LED Driver DALI/Push - 0-10V - 1-10V

- For indipendent use - IP20 - Insulation class II
- Steady voltage output 24VDC, ± 5% PWM 1KHz
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- High power factor
- Reduced thickness
- Input voltage: 110÷240V/AC - Steady output.

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110÷240V/AC
24V DC
DALI
FB060D

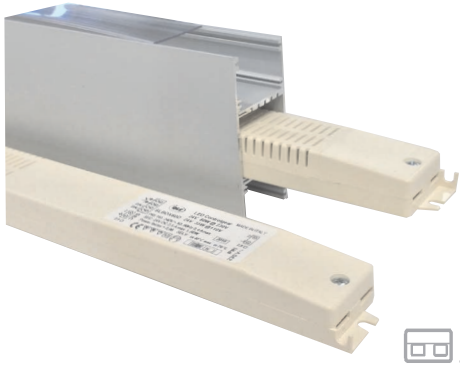

N
L
110÷240V/AC
Push
FB060D
Push
FB060D
1_10V - 0_10V
FB060110
FB060010

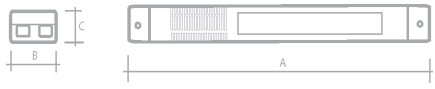
SLIMBOX - Dimmable DALI/1-10V/PUSH

60 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 37 mm

t_a -10°÷ +40°C | AC 50Hz | DC | On request

DALI Dimmable | Dimmable | Dimmable 1..10





Part Number	Output V	Output@230V I max	W @230V	Output@110V Imax	W @110V	Dimensions A x B x C	Protocol
A40SLBOX60DB	24V/DC	2,5A	60W	1,46A	35W	310 x 30 x 21	DALI / PUSH
A40SLBOX601B	24V/DC	2,5A	60W	1,46A	35W	310 x 30 x 21	1-10V

Datasheet download

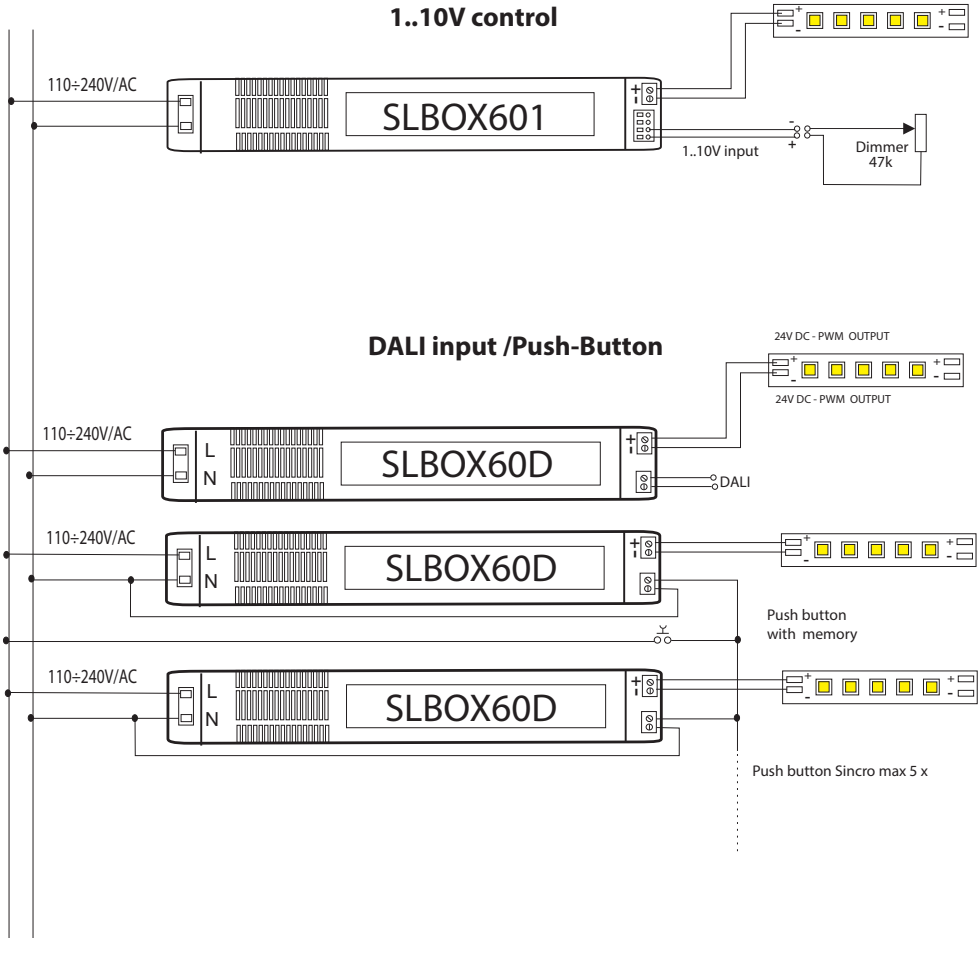
Alimentatore LED dimmerabile DALI/1-10V/ Push

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Modello SLBOX60D: Ingresso DALI +Push (con memoria di stato)
  Modello SLBOX601: Ingresso 1-10V. A richiesta, versione 0-10V
- Possibilità di sincronizzare più alimentatori
- Uscita in tensione costante 24V PWM
- Morsetti rapidi e doppio connettore di uscita
- Alimentazione: 110÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 230VDC

Dimmable LED Driver DALI/1-10V/Push

- For independent use - IP20 - Insulation class II
- Type SLBOX60D: Input DALI +Push (state memory)
  Type SLBOX601: Input 1-10V. Control by 0-10V, on request.
- Possible synchronization of more drivers
- Output in steady voltage 24V PWM
- Fast terminals and double output connection
- Input voltage: 110÷240V/AC - Steady output. On request, input voltage 230VDC

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1..10V control
110÷240V/AC
SLBOX601
1..10V input
Dimmer
47k
DALI input /Push-Button
24V DC - PWM OUTPUT
24V DC - PWM OUTPUT
110÷240V/AC
L
N
SLBOX60D
DALI
110÷240V/AC
L
N
SLBOX60D
Push button
with memory
110÷240V/AC
L
N
SLBOX60D
Push button Sincro max 5 x

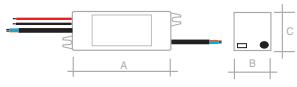
PLV-D Dimmable DALI/PUSH - IP65

100-150 Watt | CV | PF λ ≥ 0,98 | SELV | IP 65 | CE | EMC | M | M | F | t_a -10°÷ +45°C | 60 mm

DALI Dimmable

Dimmable





Part Number	Output V	Output Imax	W	Dimensions A x B x C	Protocol
A40PLV100D0B	24V/DC	4,16A	100W	175 x 50 x 31	DALI / PUSH
A40PLV150D0B	24V/DC	6,25A	150W	175 x 50 x 31	DALI / PUSH

Datasheet download

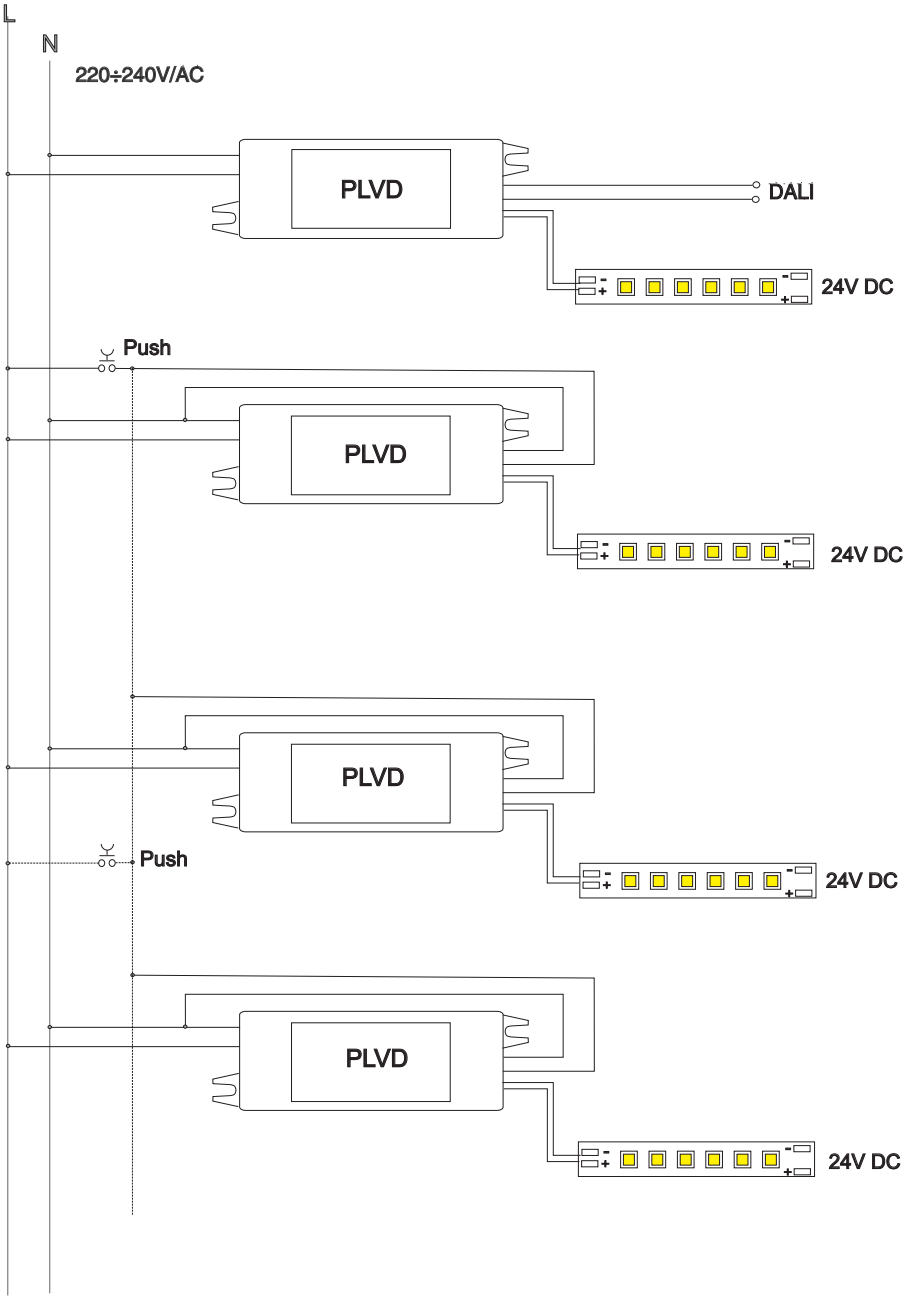
Alimentatore LED dimmerabile DALI & Push

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Comando DALI o Pulsante
- Forma compatta
- Uscita in tensione costante 24VDC ±5% PWM
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione: 220÷240V/AC ±10% - Uscita stabilizzata

Dimmable LED Driver DALI & Push

- To be built in - IP65 - Insulation class II
- Dimming control by DALI or PUSH
- Compact design
- Output in constant voltage 24VDC ±5% PWM
- Self-resetting protection against overtemperatures, against open circuit and short circuits on the secondary
- Input voltage: 220÷240V/AC ±10% - Steady output

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L
N
220÷240V/AC
PLVD
DALI
24V DC
Push
PLVD
24V DC
PLVD
Push
24V DC
PLVD
24V DC

PT Dimmable DALI & PUSH

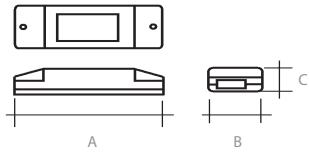
36 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 50mm

AC 50Hz | DC | On request | t_a -10°÷ +40°C

DALI Dimmable

Dimmable





Part Number	Output V	Output@230V I typ	W @230V	Output@110V Imax	W @110V	Dimensions A x B x C	Protocol
A40PT03624DB	24V/DC	1,50A	36W	1,25A	30W	165 x 41 x 27,5	DALI / PUSH

Datasheet download

Alimentatore LED dimmerabile DALI & Push

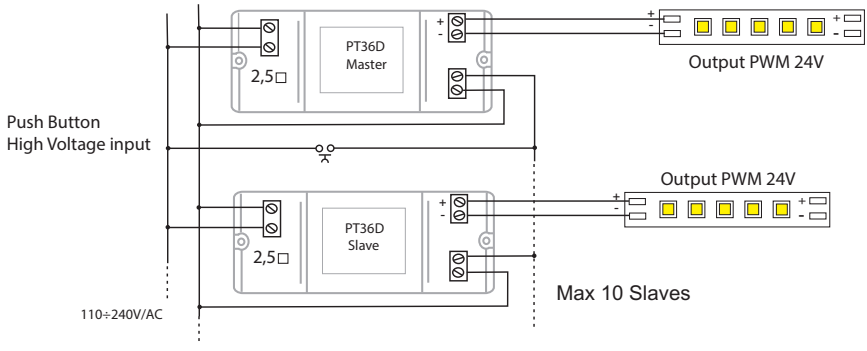
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Ingresso DALI o pulsante
- Possibilità di sincronizzare più alimentatori
- Uscita in tensione costante 24V PWM
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240V/AC - Uscita stabilizzata

Dimmable LED Driver DALI & Push

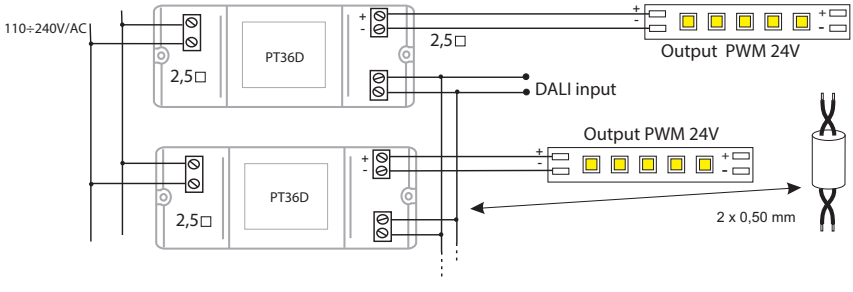
- For independent use - IP20 - Insulation class II
- Light controls: DALI or Push
- Possible synchronization of more drivers
- Output in steady voltage 24V PWM
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC - Steady output.

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PUSH Control



DALI Control



DALI&PUSH / 0-10V/ 1-10V Dimmable Interface

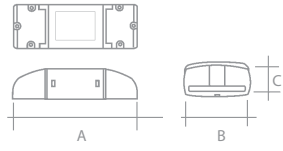
288 Watt | CV | IP 20 | CE | EMC | M | M | F | 110 | ta -10°÷ +40°C | 45 mm

Dimmable

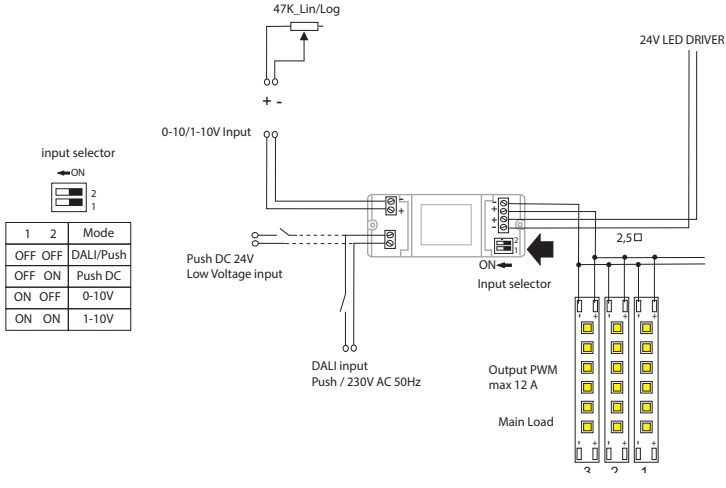
Dimmable 0/1..10

DALI Dimmable





Part Number	Input V	Output I max	Output V max	W	Dimensions A x B x C	Protocol
A40DALI1103B	24V/DC	12A	Vin-0,5V	288W	138 x 40 x 28,5	DALI/0-10V/1-10V/PUSH



1	2	Mode
OFF	OFF	DALI/Push
OFF	ON	Push DC
ON	OFF	0-10V
ON	ON	1-10V

Datasheet download

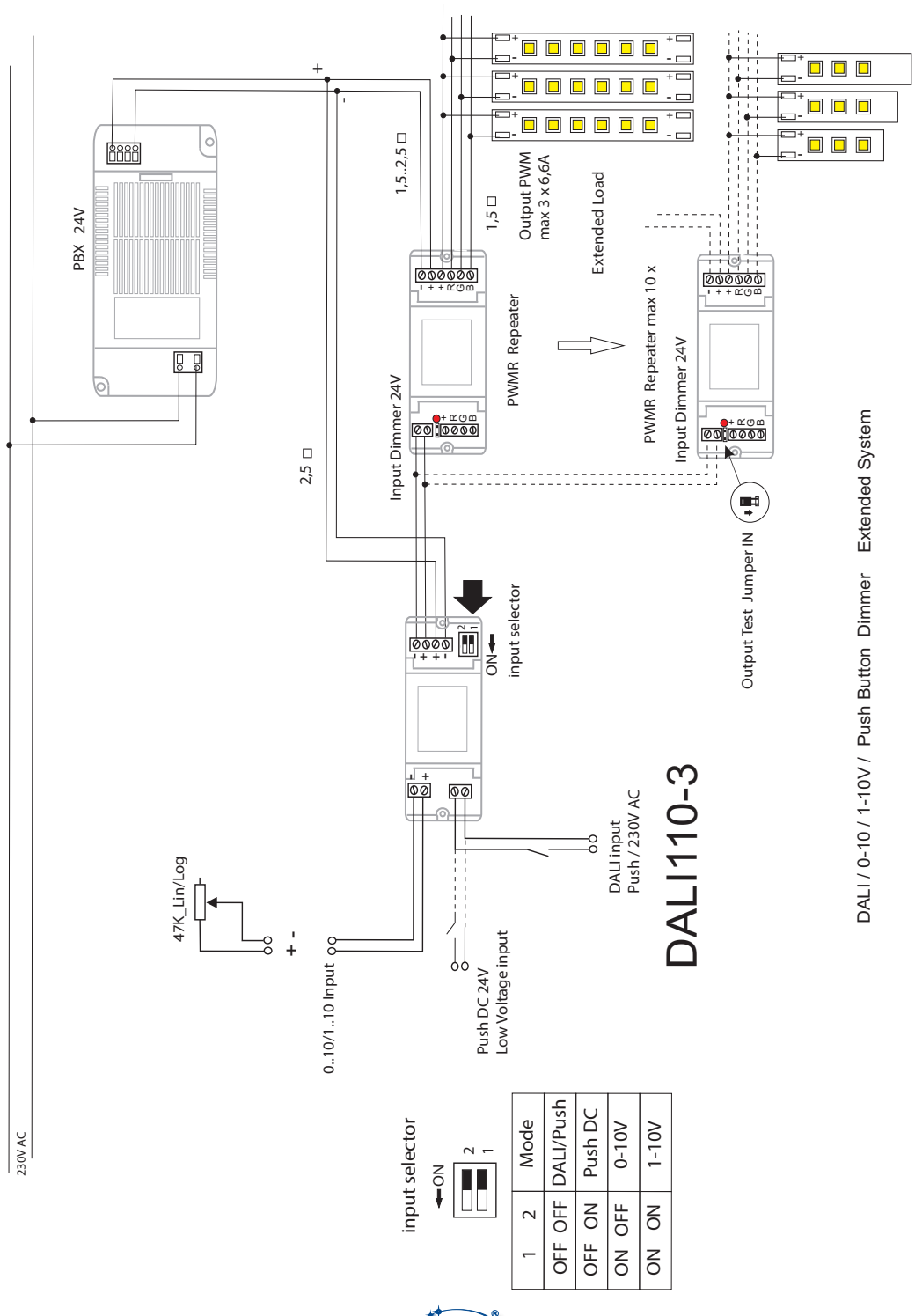
Interfaccia DALI/0-10V/1-10V e ingresso Pulsante a bassa tensione

- Comando DALI, pulsante, 0-10V, 1-10V o potenziometro, selezionabile tramite impostazione dip-switches.
- Alimentazione 24V/DC
- Comanda carichi resistivi fino a 12A
- Uscita PWM 300Hz
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti

DALI/0-10V/1-10V interface and low voltage push

- Dimming control by DALI, PUSH, 0-10V, 1-10V signal or potentiometer, selecting the dipswitch combination on board.
- Input 24V/DC
- For resistive loads up to 12A
- PWM 300Hz output
- Cable clamp for flat and round cables

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DALI / 0-10 / 1-10V / Push Button Dimmer Extended System
DALI110-3
PBX 24V
230V AC
1,5..2,5 □
2,5 □
1,5 □
Output PWM
max 3 x 6,6A
Extended Load
Input Dimmer 24V
PWMR Repeater
PWMR Repeater max 10 x
Input Dimmer 24V
Output Test Jumper IN
ON
input selector
47K_Lin/Log
+ -
0..10/1..10 Input
Push DC 24V
Low Voltage input
DALI input
Push / 230V AC
input selector
ON
2
1
1 2 Mode
OFF OFF DALI/Push
OFF ON Push DC
ON OFF 0-10V
ON ON 1-10V

DALI CUBE - DALI&PUSH / 0-10V/ 1-10V Interface

264 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

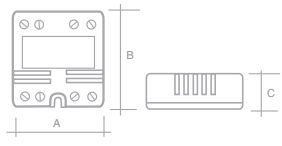
52 mm

Dimmable

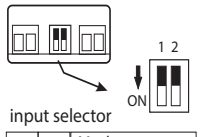
Dimmable 0/1..10

DALI2 Dimmable



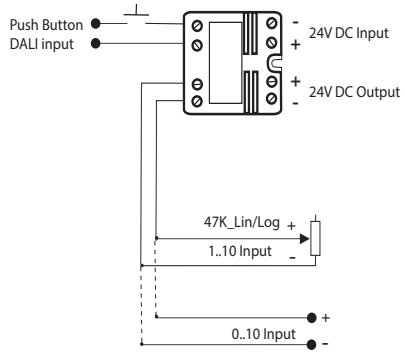


Part Number	Input V	Output I max	Output V max	W	Dimensions A x B x C	Protocol
A40DACUBE24N	24V/DC	11A	Vin-0,5V	264W	41 x 47 x 20	DALI/0-10V/1-10V/PUSH



input selector

1	2	Mode
OFF	OFF	DALI/Push 230V
OFF	ON	Push 24V
ON	OFF	0-10V
ON	ON	1-10V



Datasheet download

Interfaccia DALI/0-10V/1-10V e PUSH

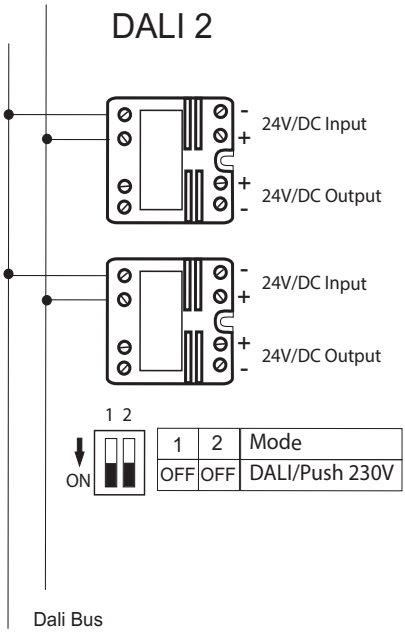
- Comando DALI, pulsante, 0-10V, 1-10V o potenziometro 47K, selezionabile tramite impostazione dip-switches.
- Alimentazione: 24V/DC
- Ingresso PUSH/DALI isolato
- Protezione al corto-circuito
- Comanda carichi resistivi fino a 11A
- Uscita PWM 250Hz

DALI/0-10V/1-10V interface and push

- Dimming control by DALI, PUSH, 0-10V, 1-10V signal or potentiometer 47K, selecting the dipswitch combination on board.
- Input: 24V/DC
- Isolated PUSH/DALI input
- Short-circuit protection
- For resistive loads up to 11A
- PWM 250Hz output

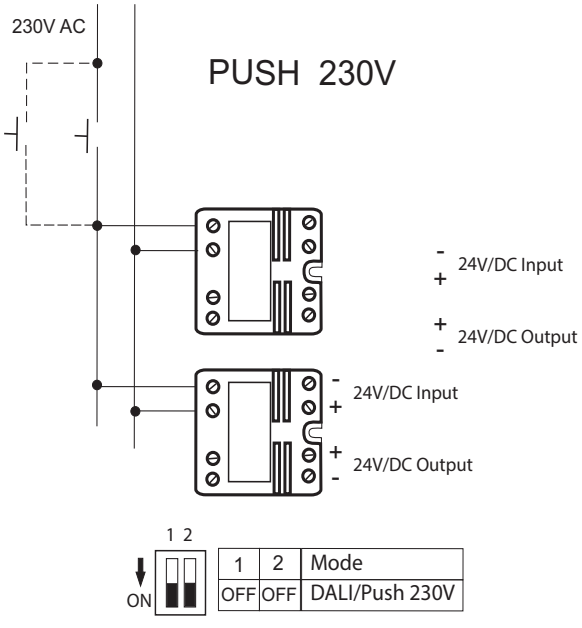
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DALI 2



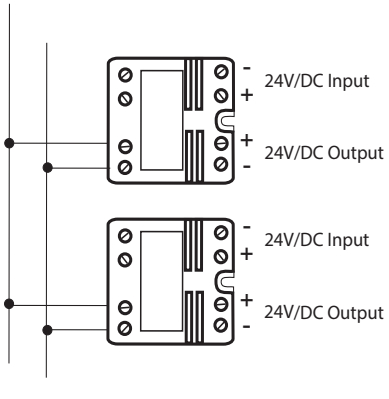
1	2	Mode
OFF	OFF	DALI/Push 230V

PUSH 230V



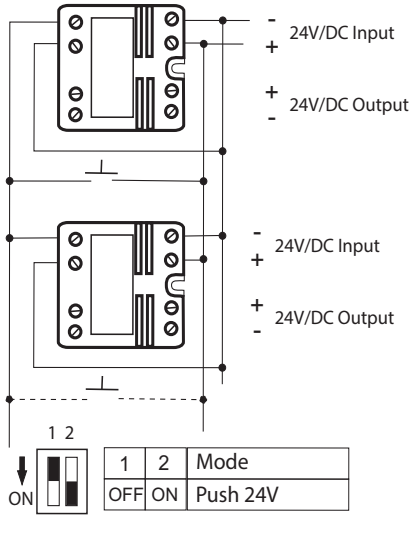
1	2	Mode
OFF	OFF	DALI/Push 230V

0-10/1-10V



1	2	Mode
ON	OFF	0-10V
ON	ON	1-10V

PUSH DC 24V



1	2	Mode
OFF	ON	Push 24V

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PDCV Dimmable 24V DALI/PUSH/1-10V

13 Watt | CV | PF λ ≥ 0,60 | SELV | IP 20 | CE | EMC | M | M | F | t_a -10°÷ +40°C

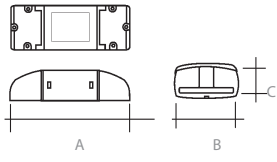
50 mm

DALI Dimmable

Dimmable

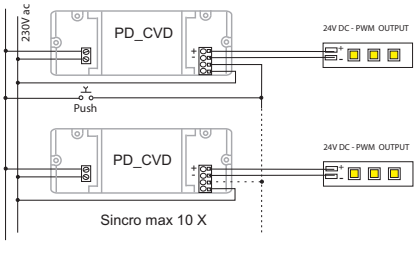
Dimmable 1_10



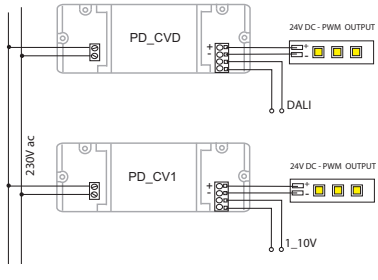


Part Number	Output V	Output@230V I Max	W @230V	Output@110V I max	W @110V	Dimensions A x B x C	Protocol
A40PDCVD000B	24V/DC	0,58A	13W	0,41A	10W	138 x 40 x 28,5	DALI / PUSH
A40PDCVD120B	12V/DC	1,08A	13W	0,83A	10W	138 x 40 x 28,5	DALI / PUSH
A40PDCV1000B	24V/DC	0,58A	13W	0,41A	10W	138 x 40 x 28,5	1-10V

PUSH



DALI / 1_10V



Datasheet download

Alimentatore LED dimmerabile DALI & Push - 1-10V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- A40PDCVD000B: DALI o Pulsante sul lato primario - 12 o 24VDC PWM
  A40PDCV1000B: 1-10V - 24VDC PWM
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata

Dimmable LED Driver DALI & Push - 1-10V

- Driver for independent mounting - IP20 - Insulation class II
- A40PDCVD000B: DALI or Push-Button on the primary side - 12 o 24VDC PWM
  A40PDCV1000B: 1-10V - 24VDC PWM
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Input voltage: 110V ÷ 240V/AC - Steady output

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PDMC Dimmable CC DALI/PUSH/1-10V

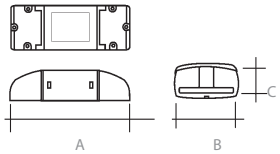
13 Watt | CC | SELV | PF λ ≥ 0,60 | IP 20 | CE | EMC | M | M | F | ta -10°÷ +40°C

50 mm | ENEC 05

DALI Dimmable | Dimmable | Dimmable 1..10

DALI 2

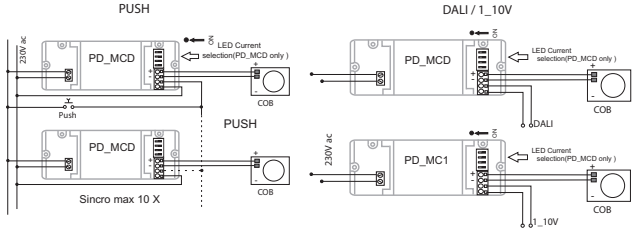




Part Number	Iout	Vout Led Min	Vout Led Max	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x C	Protocol
A40PDMCD000B	100÷700mA	8V	39V	36V	45V	13W	9W	138 x 40 x 28,5	DALI/PUSH
A40PDMC1000B	100÷700mA	6V	39V	36V	45V	13W	9W	138 x 40 x 28,5	1-10V

Po Max at 100-120VAC	Po Max at 200-250VAC	Io	1 2 3 4
3,9W	3,9W	100mA	○○○○
5,8W	5,8W	150mA	●○○○
7,8W	7,8W	200mA	○●○○
9W	9,8W	250mA	●●○○
9W	11,7W	300mA	●○●○
9W	13W	350mA	○●●○
9W	13W	400mA	●●●○
9W	13W	450mA	●○○●
9W	13W	500mA	○●○●
9W	13W	550mA	●●○●
9W	13W	600mA	●○●●
9W	13W	650mA	○●●●
9W	13W	700mA	●●●●

LED Current selection
1 2 3 4
ON



Datasheet download

Alimentatore LED dimmerabile multicorrente DALI & Push - 1-10V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 100÷700mA, ±5% programmabile con DIP-switches (vedi schema)
- A40PDMCD000B: DALI o Pulsante sul lato primario
  A40PDMC1000B: 1-10V
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata

Multicurrent Dimmable LED Driver DALI & Push 1-10V

- Driver for independent mounting - IP20 - Insulation class II
- Output in steady current: 100÷700 mA, ± 5% settable by DIP-Switches (see scheme)
- A40PDMCD000B: DALI or Push-Button on the primary side
  A40PDMC1000B: 1-10V
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Input voltage: 110V ÷ 240V/AC - Steady output

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MCD Multicurrent DALI/PUSH

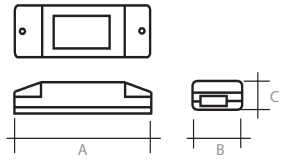
10-30 Watt | CC | SELV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | t_a -10°÷ +40°C

45 mm

DALI Dimmable

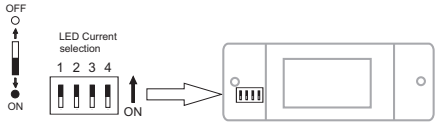
Dimmable





Part Number	Iout	Vout Led Min	Vout Led Max	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x C	Protocol
A40MCD00000B	250÷1000mA	2,75V	42V	46V	45V	30W	21W	165 x 41 x 27,5	DALI/PUSH

Po Max at 100-120VAC	Po Max at 200-240VAC	Io	1 2 3 4
10W	10W	250mA	○ ○ ○ ○
15W	15W	350mA	○ ○ ○ ●
19W	19W	450mA	○ ● ○ ○
21W	21W	500mA	○ ○ ● ○
21W	23W	550mA	○ ● ○ ●
21W	25W	600mA	○ ○ ● ●
21W	27W	650mA	● ● ○ ○
21W	29W	700mA	○ ● ● ○
21W	30W	750mA	● ● ○ ●
21W	30W	800mA	○ ● ● ●
21W	30W	900mA	● ● ● ○
21W	30W	1000mA	● ● ● ●
Before use, always check dipswitch settings			



Datasheet download

Alimentatore LED multicorrente DALI & Push

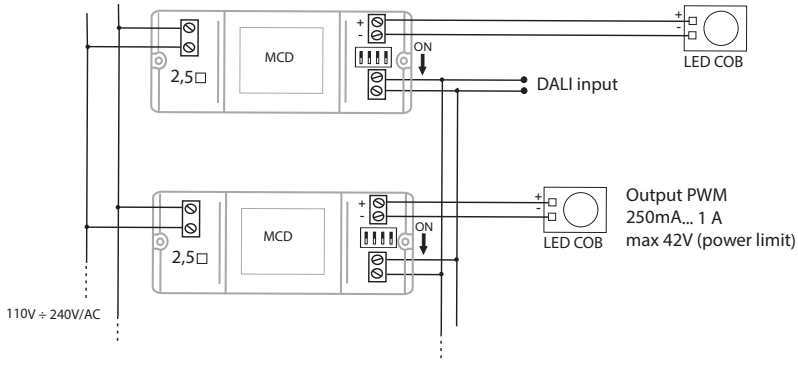
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 250÷1000mA, ±5% programmabile con DIP-switches (vedi schema)
- Ingresso DALI o Pulsante sul lato primario con possibilità di sincronizzazione con altri alimentatori (con memoria di stato)
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata

Multicurrent LED Driver DALI & Push

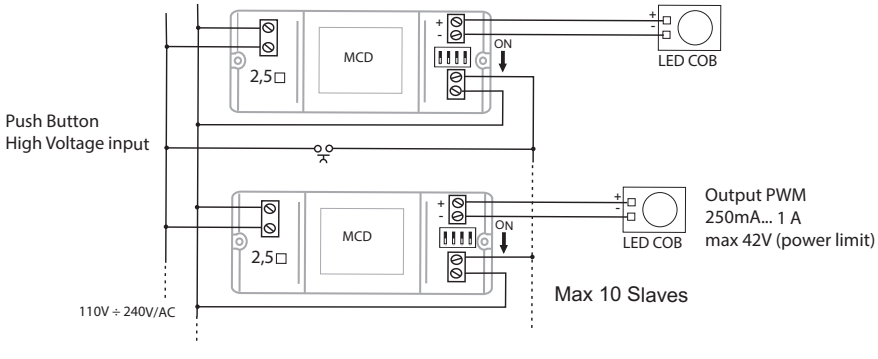
- Driver for independent mounting - IP20 - Insulation class II
- Output in steady current: 250÷1000 mA, ± 5% settable by DIP-Switches (see scheme)
- DALI or Push-Button input on the primary side with possibility of synchro of more drivers together (state memory)
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Input voltage: 110V ÷ 240V/AC - Steady output

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DALI control



Push-Button control



PUL MultiCurrent - DALI / 0-10V & PUSH

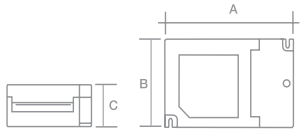
42-61 Watt | CC | SELV | AC/DC | PF λ ≥ 0,95 | IP20 | CE | EMC | M | M | F | 75/85 mm

t_a -10°÷ +40°C | 25

DALI Dimmable | Dimmable | Dimmable 0..10

DALI 2





Part Number	Iout	Vout Led Min	Vout Led Max	W	Dimensions A x B x C	Protocol
A40PUL042BEB	250÷700mA	3V	84V	42W	103 x 68 x 30	0-10V / PUSH
A40PUL060AEB	800÷2000mA	3V	42V	61W	123 x 79 x 31	DALI / PUSH / 0-10V
A40PUL042BBB	250÷700mA	3V	84V	42W	103 x 68 x 30	0-10V / PUSH
A40PUL060ABB	800÷2000mA	3V	42V	61W	123 x 79 x 31	DALI / PUSH / 0-10V

Datasheet download

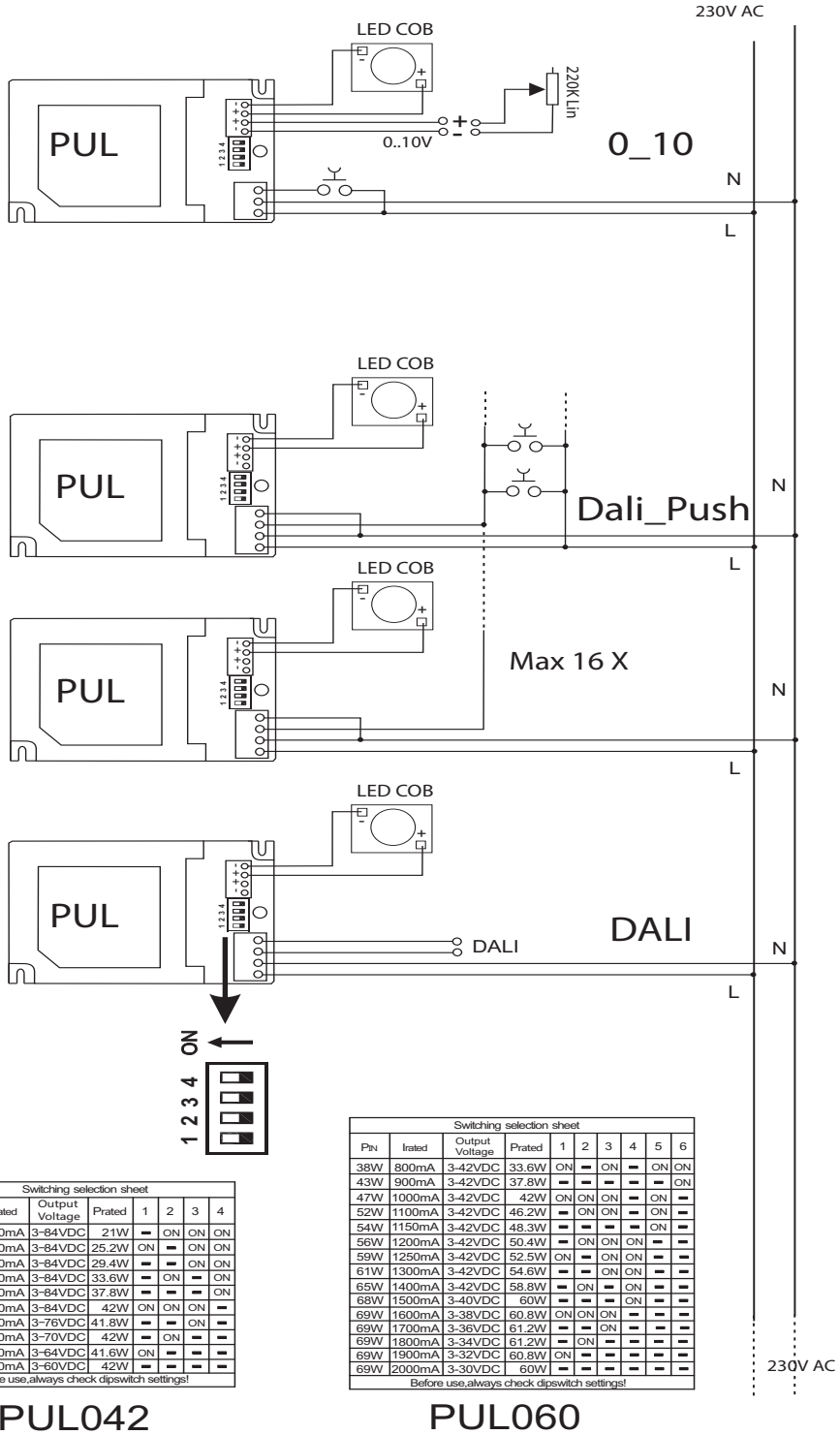
Alimentatore Multicurrent per LED

- Alimentatore indipendente - IP40 - Classe II di isolamento - SELV
- A40PUL042BEB e A40PUL060AEB: 0-10V/PUSH
  A40PUL042BBB e A40PUL060ABB: 0-10V/PUSH/DALI
- Memoria di regolazione anche in assenza di rete
- Uscita in corrente costante regolabile da 250 a 2000mA, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Morsetti rapidi
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 200V ÷ 240V/AC - Uscita stabilizzata

Multicurrent LED Driver Multicurrent

- For independent mounting - IP40 - Insulation class II - SELV
- A40PUL042BEB and A40PUL060AEB: 0-10V/PUSH
  A40PUL042BBB and A40PUL060ABB: 0-10V/PUSH/DALI
- Memory of regulation even with mains not connected
- Output in constant current from 250 to 2000mA ±5%
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Fast terminals
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 200V ÷ 240V/AC - Steady output

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Switching selection sheet							
PIN	Irated	Output Voltage	Prated	1	2	3	4
24W	250mA	3-84VDC	21W	▬	ON	ON	ON
29W	300mA	3-84VDC	25.2W	ON	▬	ON	ON
33W	350mA	3-84VDC	29.4W	▬	▬	ON	ON
38W	400mA	3-84VDC	33.6W	▬	ON	▬	ON
42W	450mA	3-84VDC	37.8W	▬	▬	▬	ON
47W	500mA	3-84VDC	42W	ON	ON	ON	▬
47W	550mA	3-76VDC	41.8W	▬	▬	ON	▬
47W	600mA	3-70VDC	42W	▬	ON	▬	▬
47W	650mA	3-64VDC	41.6W	ON	▬	▬	▬
48W	700mA	3-60VDC	42W	▬	▬	▬	▬
Before use,always check dipswitch settings!							

PUL042

Switching selection sheet									
PIN	Irated	Output Voltage	Prated	1	2	3	4	5	6
38W	800mA	3-42VDC	33.6W	ON	▬	ON	▬	ON	ON
43W	900mA	3-42VDC	37.8W	▬	▬	▬	▬	▬	ON
47W	1000mA	3-42VDC	42W	ON	ON	ON	▬	ON	▬
52W	1100mA	3-42VDC	46.2W	▬	ON	ON	▬	ON	▬
54W	1150mA	3-42VDC	48.3W	▬	▬	▬	▬	ON	▬
56W	1200mA	3-42VDC	50.4W	▬	ON	ON	ON	▬	▬
59W	1250mA	3-42VDC	52.5W	ON	▬	ON	ON	▬	▬
61W	1300mA	3-42VDC	54.6W	▬	▬	ON	ON	▬	▬
65W	1400mA	3-42VDC	58.8W	▬	ON	▬	ON	▬	▬
68W	1500mA	3-40VDC	60W	▬	▬	▬	ON	▬	▬
69W	1600mA	3-38VDC	60.8W	ON	ON	ON	▬	▬	▬
69W	1700mA	3-36VDC	61.2W	▬	▬	ON	▬	▬	▬
69W	1800mA	3-34VDC	61.2W	▬	ON	▬	▬	▬	▬
69W	1900mA	3-32VDC	60.8W	ON	▬	▬	▬	▬	▬
69W	2000mA	3-30VDC	60W	▬	▬	▬	▬	▬	▬
Before use,always check dipswitch settings!									

PUL060

CC DALI/PUSH Dimmable - Multicurrent

23-44 Watt | CC | SELV | AC/DC | PF λ ≥ 0,95 | IP20 | CE | EMC | M | M | F | 37 mm

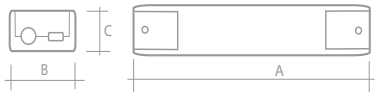
t_a -10°÷ +40°C | ENEC 25 *Pending

DALI Dimmable

Dimmable

DALI 2





Part Number	Iout	Vout Led Min	Vout Led Max	W	Dimensions A x B x C	Protocol
A40CC23WD00B	100÷700mA	2,5V	2,5-46VDC	23W	163 x 30 x 21	DALI / PUSH
A40CC36WD00B	150÷900mA	2,5V	2,5-50VDC	36W	163 x 30 x 21	DALI / PUSH
A40CC44WD00B	300÷1050mA	9V	2,5-49V	44W	163 x 30 x 21	DALI / PUSH

Datasheet download

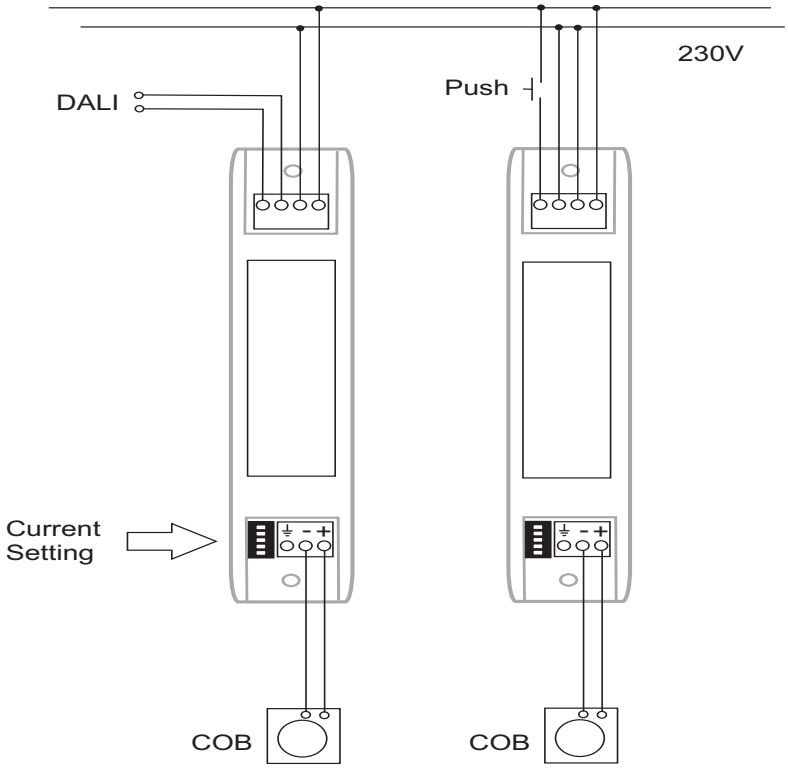
Alimentatore Multicurrent per LED

- Alimentatore indipendente - IP40 - Classe II di isolamento - SELV
- Memoria di regolazione anche in assenza di rete
- Uscita in corrente costante regolabile tramite DIP-Switches da 100 a1050mA, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Morsetti rapidi
- Alto fattore di potenza
- Spessore ridotto
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 200V ÷ 240V/AC - Uscita stabilizzata

Multicurrent LED Driver Multicurrent

- For independent mounting - IP40 - Insulation class II - SELV
- Memory of regulation even with mains not connected
- Output in constant current from100 to 1050mA ±5% settable by Dip-Switches
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Fast terminals
- High power factor
- Reduced thickness
- Cable clamp for flat and round cables
- Input voltage: 200V ÷ 240V/AC - Steady output

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230V
DALI
Push
Current
Setting
COB
COB

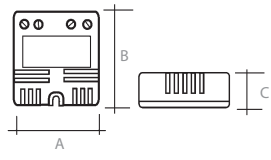
DDMASTER DALI MASTER GENERATOR

DALI | SELV | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C | 52 mm

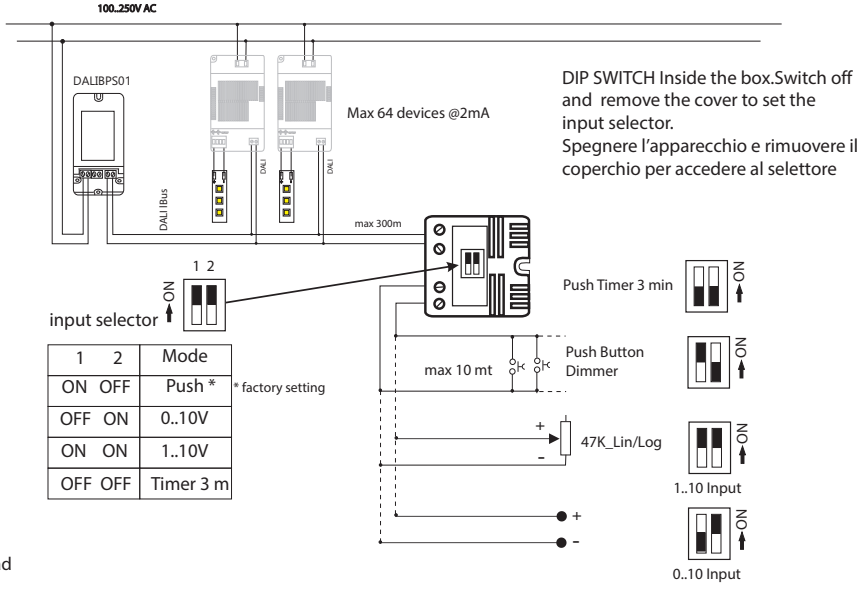
Dimmable

Dimmable 1..10





Part Number	DALI BUS	Iout	Dimensions A x B x C	Protocol
A40DDMASTERN	9 - 26V	112mA	41 x 47 x 20	PUSH



1	2	Mode
ON	OFF	Push *
OFF	ON	0..10V
ON	ON	1..10V
OFF	OFF	Timer 3 m

* factory setting

Datasheet download

Dimmer / interfaccia per BUS DALI

- Dimmer master per Bus DALI con comando a pulsante.
- Alimentazione tramite il BUS dali senza limitazioni.
- Corrente massima assorbita sul BUS DALI 25mA
- Interfaccia DALI per domotica con ingresso 0_10 , 1_10 e uscita DALI.
- Utilizzare cavo adatto al segnale DALI fino a 300metri.
- Funzione timer 3 minuti

Dimmer / Interface for BUS DALI

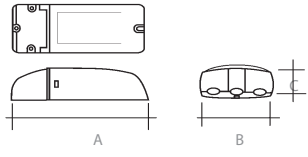
- Master dimmer for BUS DALI by push-button control
- Powered by BUS DALI (no limitations)
- Drain current on BUS DALI 25mA
- DALI interface for home automation: input 0-10V, 1-10V and DALI
- Use a cable suitable for DALI signal up to 300m.
- Timer function 3 minutes

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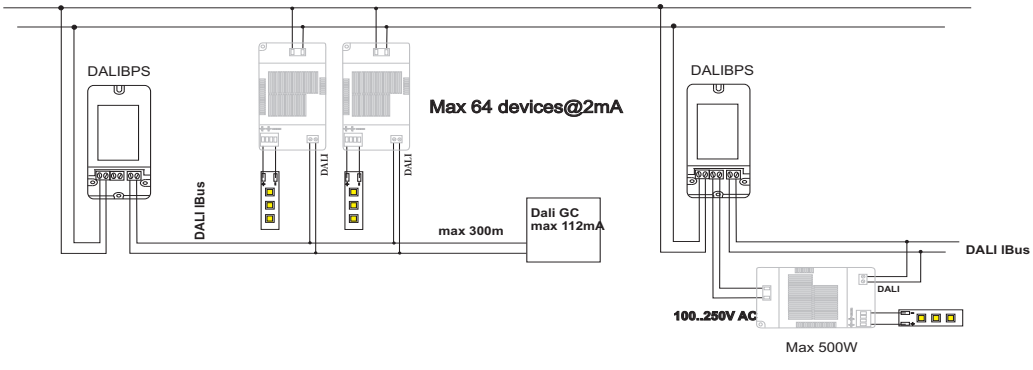
DALIBPS DALI Power Supply

CC | IP 20 | CE | EMC | PF λ ≥ 0,65 | M | M | F | SELV | t_a -10°÷ +40°C | 58 mm





Part Number	Vout	Iout	Vin	Dimensions A x B x C	Protocol
A40DALIBPS0B	20VDC	250mA	100÷250V AC	117 x 50 x 28	PUSH



Datasheet download

Alimentatore BUS-DALI

- Alimenta 64 dispositivi DALI standard <2mA su bus dedicato e un dispositivo di controllo senza alimentazione max 112mA
- Doppia morsettiera di alimentazione per un collegamento diretto dell'alimentatore.
- Protezione alle sovratemperature, al circuito aperto e al cortocircuito permanente.
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Utilizzare cavo adatto al segnale DALI fino a 300metri.

Power supply for BUS-DALI

- Supplies up to 64 standard DALI devices <2mA on a BUS dedicated and a non-powered control device (max 112mA)
- Double input terminal bock for a direct connection of the driver
- Self-resetting protection against overtemperatures, against open circuit and output permanent short circuits.
- Cable clamp for flat and round cables
- Use a cable suitable for DALI signal up to 300m.

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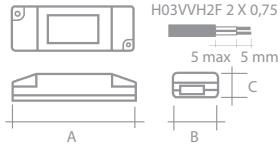
PLKE Dimmable - TRIAC/IGBT/Mosfet

5,7÷15 Watt | CC | CV | SELV | PF λ ≥ 0,94 | IP 20 | CE | EMC | M | M | F | 110 | 39 mm

t_a -10°÷ +40°C

Dimmable





Part Number	Operation Mode	Iout	Vout Led Min	Vout Led Max	Uout	W	Dimensions A x B x C	Protocol
A40PLKE1090B277	CC	150mA	26	38	38V	5,7W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE1090B278	CC	200mA	26	38	38V	7,6W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE1090B279	CC	250mA	26	38	38V	9,5W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE1090B280	CC	300mA	26	33	33V	10W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE1090B283	CC	400mA	9,5	26	26V	10,4W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE1090B	CC	350mA	10	27	28V	9,5W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE2050B	CC	500mA	10	22	25V	11W	122 x 33 x 19	TRIAC/IGBT/MOSFET
A40PLKE3060B	CC	700mA	10	21	25V	15W	122 x 33 x 19	TRIAC/IGBT/MOSFET
**********								
A40PLKE2400B	CV	-	-	-	24V	15W	122 x 33 x 19	TRIAC/IGBT/MOSFET

Datasheet download

Alimentatore dimmerabile per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Regolazione della luce con dimmer TRIAC, IGBT, MOSFET per carichi resistivi e induttivi con carico minimo adeguato
- Uscita in corrente costante da150mA a 700mA +/-10% PLKE24: uscita fissa 24VDC (2,5W-15W)
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 230V AC +/- 10% - Uscita stabilizzata.

Dimmable driver for High Brightness LEDs

- Independent driver - IP20 - Insulation class II
- Light regulation by TRIAC, IGBT, MOSFET dimmers for resistive and inductive loads with min. rated load
- Output in steady current: from 150mA to 700 mA +/-10% PLKE24: fixed output 24V/DC (2,5W-15W)
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Input voltage: 230V AC +/- 10% - Steady output.

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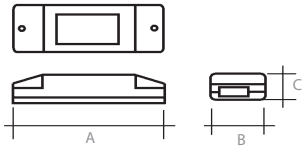
PTE Dimmable - TRIAC/IGBT/Mosfet

TRIAC

15÷18 Watt | CV+CC | Dimmable | PF λ ≥ 0,95 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C | SELV | 50 mm

Dimmable





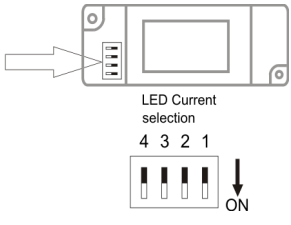
Part Number	Iout	Vout Led Min	Uout	W	Dimensions A x B x C	Protocol
A40PTEMC240B	500÷750mA	2,75	34V	18W	165x 41 x 28	TRIAC/IGBT/MOSFET

A40PTEMC240B

Po	Vo	Io	1	2	3	4
15W	30V	500mA	○	○	○	○
17W	28V	600mA	●	○	○	○
18W	26V	700mA	●	●	○	○
18W	24V	750mA	●	●	●	●

Before use, always check dipswitch settings

OFF ↑ ↓ ON



Datasheet download

Alimentatore dimmerabile per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Regolazione della luce con dimmer TRIAC/IGBT/MOSFET sul lato primario per carichi resistivi e induttivi con carico minimo adeguato
- Uscita in corrente costante 500-750mA o tensione costante 24VDC, +/-5%, programmabile con DIP-switches (vedi schema)
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 230V/AC +/- 10% - Uscita stabilizzata.

Dimmable driver for High Brightness LEDs

- For independent use - IP20 - Insulation class II
- Light regulation by primary side TRIAC/IGBT/MOSFET dimmers for resistive and inductive loads with min. rated load.
- Output in steady current 500-750mA or in constant voltage 24VDC, +/-5%, settable by DIP-switches (see scheme)
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Cable clamp for flat and round cables
- Input voltage: 230V/AC +/- 10% - Steady output.

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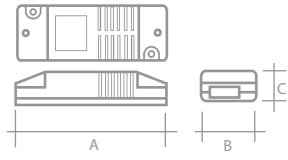
MDE Dimmable TRIAC/IGBT/Mosfet

30-60 Watt | CV | Dimmable | PF λ ≥ 0,95 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C | SELV

MDE30: 50 mm
MDE60: 62 mm

ENEC 05





Part Number	Output V	Ouput Imax	W	Dimensions A x B x C	Protocol	ENEC 05
A40MDE03000B	24V/DC	1,25A	30W	165 x 41 x 27,5	TRIAC / IGBT/MOSFET	
A40MDE06000B	24V/DC	2,5A	60W	205 x 51 x 35	TRIAC / IGBT/MOSFET	•

Datasheet download

Alimentatore dimmerabile per moduli LED

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Regolazione della luce a taglio di fase con dimmer TRIAC, IGBT e MOSFET con minimo regolabile, compatibili con carichi LED
- Uscita in tensione costante 24VDC, +/-5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 230V/AC +/- 10% - Uscita stabilizzata.

Dimmable driver for LED modules

- For indipendent use - IP20 - Insulation class II
- Light regulation by TRIAC, IGBT and MOSFET dimmers with set-table minimum, compatible with LED loads
- Output in steady voltage 24VDC, +/-5%
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Cable clamp for flat and round cables
- Input voltage: 230V/AC +/- 10% - Steady output.

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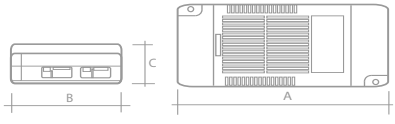
PBT Dimmable - TRIAC/IGBT/Mosfet





83 mm





Part Number	Output V	Output Imax	W	Dimensions A x B x C	Protocol
A40PBT10000B	24V/DC	4,16A	100W	210 x 75 x 35	TRIAC / IGBT / MOSFET
A40PBT15000B	24V/DC	6,25A	150W	210 x 75 x 35	TRIAC / IGBT/ MOSFET
A40PBT20000B	24V/DC	8,33A	200W	210 x 75 x 35	TRIAC / IGBT/ MOSFET

Datasheet download

Alimentatore dimmerabile per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Regolazione della luce con dimmer TRIAC/IGBT/MOSFET sul lato primario con minimo regolabile, compatibili con carichi LED
- Uscita in tensione costante 24V, +/-5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Morsetti rapidi
- Doppio morsetto di uscita
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 230V/AC +/- 10% - Uscita stabilizzata.

Dimmable driver for High Brightness LEDs

- For independenty use - IP20 - Insulation class II
- Light regulation by primary side TRIAC/IGBT/MOSFET dimmer with settable minimum, campatible with LED loads.
- Output in steady voltage 24V, +/-5%
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Fast terminals
- Double output
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 230V/AC +/- 10% - Steady output.

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CE Dimmable TRIAC/IGBT/MOSFET - IP65

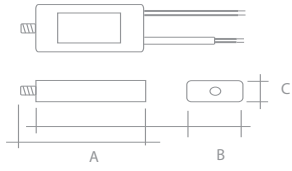
17/30 Watt | CV | PF λ ≥ 0,96 | IP 65 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

50/ 57 mm

Dimmable







Part Number	Output V	Output Imax	W	Dimensions A x B x C	Protocol
A40CE017000N	24V/DC	0,71A	17W	99(110) x 44 x 22	TRIAC / IGBT / MOSFET
A40CE030000N	24V/DC	1,25A	30W	125(133) x 51 x 24	TRIAC / IGBT / MOSFET

Datasheet download

Alimentatore dimmerabile per LED di potenza

- Alimentatore indipendente da incorporare - IP65 - Classe II di isolamento
- Regolazione della luce con dimmer TRIAC, IGBT, MOSFET per carichi resistivi e induttivi con carico minimo adeguato
- Uscita fissa 24VDC
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 230V/AC +/- 10% - Uscita stabilizzata.

Dimmable driver for High Brightness LEDs

- Indipendent driver to be built in - IP65 - Insulation class II
- Light regulation by primary side TRIAC, IGBT, MOSFET dimmers for resistive and inductive loads with min. rated load
- Fixed output 24V/DC
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Input voltage: 230V/AC +/- 10% - Steady output.

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PLE Dimmable TRIAC/IGBT/MOSFET - IP65

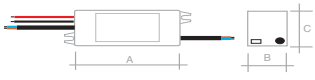
TRIAC

60 Watt | CV | PF λ ≥ 0,96 | IP 65 | SELV | CE | EMC | M | M | F | 110 | t_a -10°÷ +45°C

60 mm

Dimmable





Part Number	Output V	Output Imax	W	Dimensions A x B x C	Protocol
A40PLE06000B	24V/DC	2,5A	60W	175 x 50 x 31	TRIAC / IGBT / MOSFET

Datasheet download

Alimentatore dimmerabile per moduli LED

- Alimentatore indipendente da incorporare - IP65- Classe II di isolamento
- Regolazione della luce a taglio di fase con dimmer TRIAC, IGBT e MOSFET con minimo regolabile, compatibili con carichi LED
- Uscita in tensione costante 24VDC, +/-5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 230V/AC +/- 10% - Uscita stabilizzata.

Dimmable driver for LED modules

- For indipendent use to be built in - IP65 - Insulation class II
- Light regulation by TRIAC, IGBT and MOSFET dimmers with settable minimum, compatible with LED loads
- Output in steady voltage 24VDC, +/-5%
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Input voltage: 230V/AC +/- 10% - Steady output.

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DIM CUBE - PUSH / 0-10V Dimmable Interface

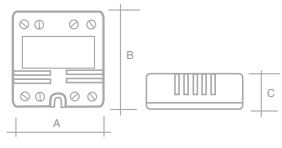
264 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

52 mm

Dimmable

Dimmable 0..10





Part Number	Input V min	Input V max	Output I max	Output V max	W	Dimensions A x B x C	Protocol
A40DICUBE24N	24V/DC	24V/DC	11A	Vin-0,5V	264W	41 x 47 x 20	0-10V / PUSH

Datasheet download

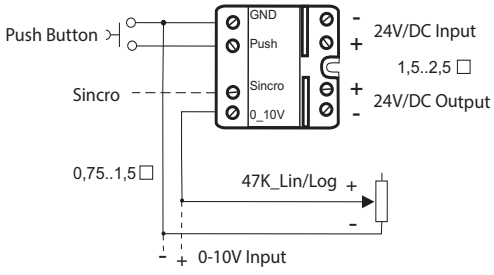
Interfaccia 0-10V e PUSH

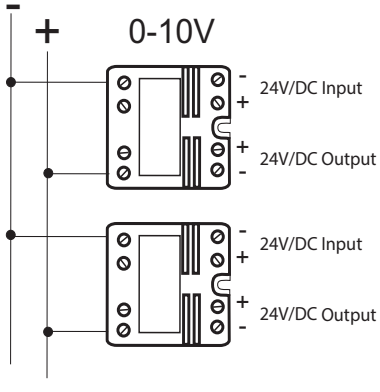
- Comando pulsante o 0-10V
- Alimentazione: 24V/DC
- Ingresso PUSH bassa tensione. Possibile sincronizzazione fino a 10 dispositivi.
- Senza memoria di stato
- Comanda carichi resistivi fino a 11A
- Uscita PWM 250Hz

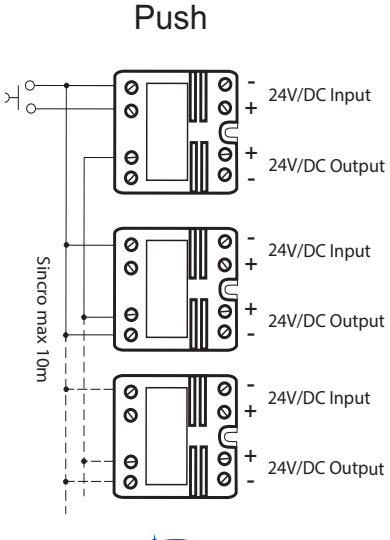
0-10V e PUSH interface

- Dimming control by PUSH or 0-10V
- Input: 24V/DC
- Low voltage PUSH input. Possible synchronization up to 10 devices.
- No state memory
- For resistive loads up to 11A
- PWM 250Hz output

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Push Button
Sincro
0,75..1,5
GND
Push
Sincro
0_10V
24V/DC Input
1,5..2,5
24V/DC Output
47K_Lin/Log
0-10V Input


0-10V
24V/DC Input
24V/DC Output
24V/DC Input
24V/DC Output


Push
Sincro max 10m
24V/DC Input
24V/DC Output
24V/DC Input
24V/DC Output
24V/DC Input
24V/DC Output

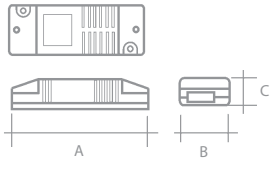
MDR Dimmable 0-10V + Push-Button

45-60 Watt | CV | SELV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C | 62 mm

AC 50Hz | DC | On request | KEMA KEUR

Dimmable | Dimmable 0..10





Part Number	Output V	Output@230V I typ	W	Output@110V Imax	W @110V	Dimensions A x B x C	Protocol	KEMA KEUR
A40MDR04501B	12V/DC	3,75A	45W	2,92A	35W	205 x 51 x 35	0-10V / PUSH	
A40MDR06001B	24V/DC	2,5A	60W	1,79A	43W	205 x 51 x 35	0-10V / PUSH	•

Datasheet download

Alimentatore dimmerabile a LED

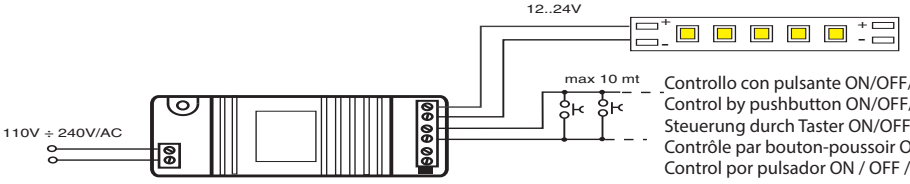
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Comando della luce - accensione, regolazione e spegnimento - con uno o più pulsanti
- Regolazione con potenziometro 470K o con segnale 0-10V
- Uscita in tensione costante PWM 300Hz ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata. A richiesta alimentazione a 230VDC.

Dimmable driver for LED modules

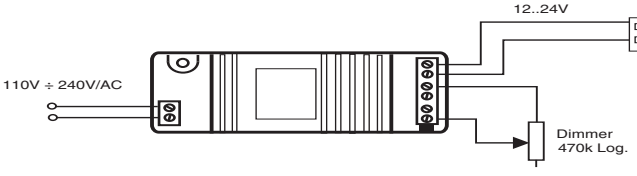
- For indipendent use - IP20 - Insulation class II
- Light control - on, off and dimming - by one or more push-buttons
- Dimming by 470K potentiometer or signal 0-10V
- Light in steady voltage PWM 300Hz ±5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits.
- Input voltage: 110V ÷ 240V/AC - Steady output. On request, 230VDC input voltage.

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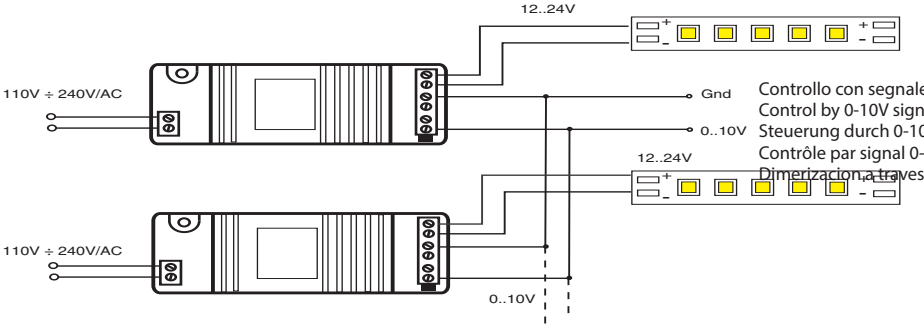
MDR Dimmable 0-10V + Push-Button



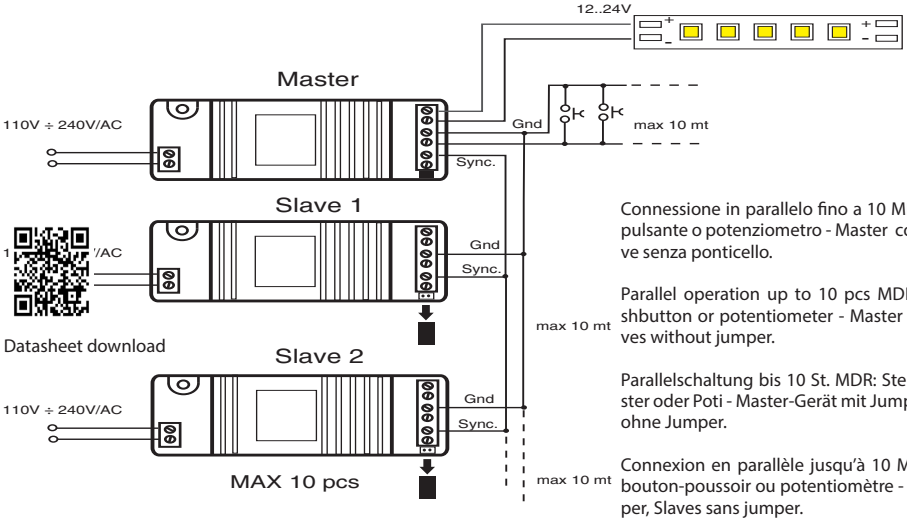
Controllo con pulsante ON/OFF/Dimmer
Control by pushbutton ON/OFF/dimming
Steuerung durch Taster ON/OFF/Dimming
Contrôle par bouton-poussoir ON/OFF/dimmer
Control por pulsador ON / OFF / regulación



Regolazione con potenziometro 470K Log.
Dimming by potentiometer 470K Log.
Dimming durch Potentiometer 470K Log.
Régolation par potentiomètre 470K Log.
Regulación por potenciómetro 470K Log.



Controllo con segnale 0-10V
Control by 0-10V signal
Steuerung durch 0-10V Signal
Contrôle par signal 0-10V
Dimerizacion a traves de señal 0-10V



Connessione in parallelo fino a 10 MDR: controllo con pulsante o potenziometro - Master con ponticello, Slave senza ponticello.

Parallel operation up to 10 pcs MDR: control by pushbutton or potentiometer - Master with jumper, Slaves without jumper.

Parallelschaltung bis 10 St. MDR: Steuerung durch Taster oder Poti - Master-Gerät mit Jumper, Slaves-Geräte ohne Jumper.

Connexion en parallèle jusqu'à 10 MDR: contrôle par bouton-poussoir ou potentiomètre - Master avec jumper, Slaves sans jumper.

Funcionamiento en paralelo hasta 10 unidades MDR: control por pulsador o potenciómetro - Master con el puente, esclavos sin puente.

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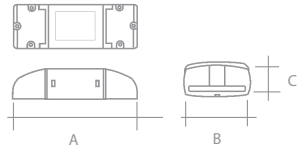
PLD Dimmable Push-Button

15-16,8 Watt | CC | SELV | PF λ ≥ 0,85 | IP 20 | CE | EMC | M | M | F | 110 | 45 mm

t_a -10°÷ +40°C

Dimmable





Part Number	Iout	Vout Led Min	Vout Led Max	Uout	W	Dimensions A x B x C	Protocol
A40PLD11200B	350mA	8,25	43	45V	15W	138 x 40 x 28,5	PUSH
A40PLD30600B	700mA	5,50	24	32V	16,8W	138 x 40 x 28,5	PUSH

Datasheet download

Alimentatore dimmerabile per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Comando della luce - accensione, regolazione e spegnimento - con uno o più pulsanti
- Uscita in corrente costante 350mA ÷ 700mA, +/-10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata

Dimmable Driver for High Brightness LEDs

- For indipendent use - IP20 - Insulation class II
- Light control - on, off and dimming - by one or more push-buttons
- Output in steady current: 350mA ÷ 700mA, +/-10%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Cable clamp for flat and round cables
- Input: 110V ÷ 240V/AC - Steady output

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DBOX Dimmable Push-Button

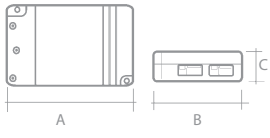
PUSH

35 Watt | CC | SELV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | ta -10°÷ +40°C

80 mm

Dimmable





Part Number	Iout	Vout Led Min	Vout Led Max	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x C	Protocol
A40DBOX3500B	3x350mA	3x5,5V	3x31,5V	3x20V	3x36V	35W	25W	147 x 74 x 29	PUSH

Datasheet download

Alimentatore dimmerabile per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Per LED di potenza a corrente costante 350 mA - Collegamento in serie - Anodo comune
- Comando della luce - accensione, regolazione e spegnimento - con uno o più pulsanti
- Collegamento in parallelo fino a max. 25 "DBOX" comandati dallo stesso pulsante
- Alimentazione: 110V ÷ 240V/AC

Dimmable Driver for High Brightness LEDs

- For indipendent use - IP20 - Insulation class II
- Suitable for LEDs operating in constant current 350mA - Series connection - Common anode
- Light control - on, off and dimming - by one or more push-buttons
- Parallel connection for max. 25 "DBOX" controlled by the same push-buttons
- Input voltage: 110V ÷ 240V/AC

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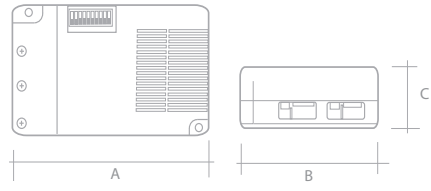
QBOX - 1-10V Multicurrent

24÷60 Watt | CC | SELV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | ta -10°÷ +45°C | 85 mm

AC 50Hz | DC | On request

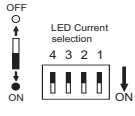
Dimmable 1..10

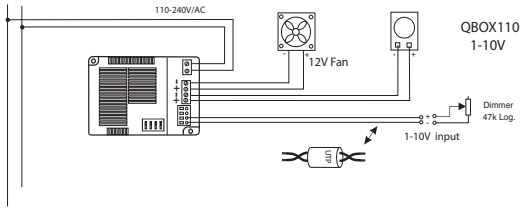




Part Number	Iout	Vout Led Min	Vout Led Max	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x C	Protocol
A40QBOX1100B	600-2100mA	15	40	40	48	60W	45W	147 x 75 x 39	PUSH

Po Max at 100-120VAC	Po Max at 200-250VAC	Io	1	2	3	4
24W	24W	600mA	○	○	○	○
28W	28W	700mA	●	○	○	○
32W	32W	800mA	○	●	○	○
36W	36W	900mA	●	●	○	○
40W	40W	1000mA	○	○	●	○
40W	44W	1100mA	●	○	●	○
40W	48W	1200mA	○	●	●	○
40W	52W	1300mA	●	●	●	○
40W	56W	1400mA	○	○	○	●
40W	60W	1500mA	●	○	○	●
40W	60W	1600mA	○	●	○	●
40W	60W	1700mA	●	●	○	●
40W	60W	1800mA	○	○	●	●
40W	60W	1900mA	●	○	●	●
40W	60W	2000mA	○	●	●	●
40W	60W	2100mA	●	●	●	●





Datasheet download

Alimentatore LED multicorrente 1-10V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 600÷2100mA, ±5% programmabile con DIP-switches (vedi schema)
- QBOX110: Ingresso1-10V. A richiesta, versione 0-10V
- Uscita 12V 100mA per ventola
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata. A richiesta alimentazione a 230VDC.

Multicurrent LED Driver 1-10V

- Driver for independent mounting - IP20 - Insulation class II
- Output in steady current: 600÷2100mA, ± 5% settable by DIP-Switches (see scheme)
- QBOX110: 1-10V input. Control by 0-10V, on request
- Output 12v 100mA for cooling fan
- Input voltage: 110V ÷ 240V/AC - Steady output. On request, 230VDC input voltage

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FLO 24V Floor Dimmer

40W Watt | CV | Dimmable | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | ta -10°÷ +45°C | SELV | 54 mm





Part Number	Output V	Output@230V I Max	W @230V	Output@110V I max	W @110V	Dimensions A x B x C	Protocol
A40FLO04024N	24V/DC	1,67A	40W	1,05A	25W	164 x 41 x 35	FOOT DIMMER

Datasheet download

Alimentatore LED dimmerabile a pedale

- Alimentatore indipendente - IP 20 - Classe II di isolamento
- Regolazione a pedale con interruttore di fine corsa
- Uscita in tensione costante 24VDC, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 100V ÷ 240V/AC, +/- 10% - Uscita stabilizzata.
- Non adatto a impianti con interruttori sul secondario.

Floor dimmable LED Driver

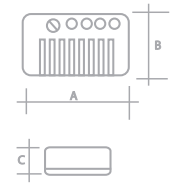
- For independent mounting - IP20 - Insulation Class II
- Pedal adjustment with end-of run switch
- Output in steady voltage 24VDC, +/-5%
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Input voltage: 100V ÷ 240V/AC, +/- 10% - Steady output.
- Not suitable for systems with switch on the secondary side.

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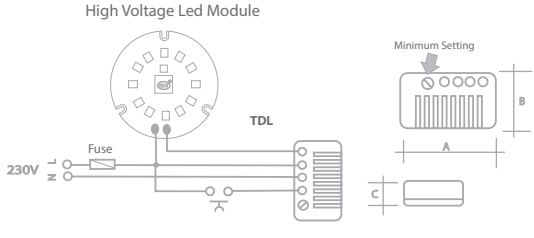
TDL - 230V LED Dimmer







Part Number	Vin	Vout	W min.	Dimensions A x B x C	Protocol
A40TDLED100N	230V/AC	230V/AC	5÷100W	51 x 32 x 18	MOSFET DIMMER



Dimmer per moduli LED ad alta tensione

- Dimmer a MOSFET con microprocessore e memoria - da incorporare
- Per comandare: moduli Led alta tensione serie Acriche e carichi resistivi (lampade a incandescenza o alogene) e alimentatori LED
- Comandi della luce (accensione, regolazione, spegnimento) con uno o piú pulsanti normali non luminosi
- Utilizzare con moduli Led muniti di fusibile di protezione o con fusibile esterno
- Vite di regolazione del minimo

Electronic dimmer for 230V Led modules

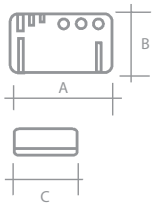
- MOSFET dimmer with built-in microprocessor and memory - to be built in
- Suitable to control: high voltage LED modules serie Acriche and resistive loads (incandescent or halogen bulbs) and LED drivers
- Light control (ON/OFF and dimming) by one or more not illuminated push-buttons
- To be used with LED modules with protection fuse or with external fuse
- Screw for minimum regulation

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TDM • Tronic Dimmer Mosfet

CE EMC M M F F 3,15A RC 37 mm





Part Number	Vin	Vout	W min.	Dimensions A x B x C	Protocol
A80TDM36000N	230V/AC	230V/AC	50 ÷ 360	51 x 32 x 18	MOSFET DIMMER

DIMMER ELETTRONICO PER PULSANTI

- Dimmer a MOSFET con microprocessore - da incorporare
- Per comandare:
  - carichi resistivi (lampade a incandescenza o alogene 230V)
  - trafo elettronici per lampade alogene marcati RC
  - alimentatori LED
- Comandi della luce (accensione, regolazione, spegnimento) con uno o piú pulsanti normali non luminosi sulla linea di alimentazione
- Funzione "memoria": alla riaccensione la luce é allo stesso valore del momento dello spegnimento
  - A richiesta, altri sofware
- Funzionamento silenzioso, assenza di ronzio

ELECTRONIC DIMMER FOR PUSH-BUTTONS

- MOSFET dimmer with built-in microprocessor - to built in
- Suitable to control:
  - resistive loads (incandescent or 230V halogen lamps)
  - electronic transformers for low voltage lamps, marked with RC
  - LED drivers
- Light control (ON/OFF and dimming) by one or more not illuminated push-buttons on the primary side
- Memory function: giving tension, light is as the same level it was switched off - on request, other soft wares
- No noise

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Notes

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48V LED Components

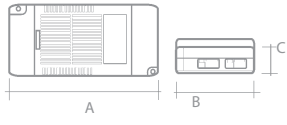


PBX 48V

100/200 Watt | CV | PF λ ≥ 0,98 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 84 mm

t_a -10°÷ +40°C | AC 50Hz | DC | On request





Part Number	Output V	Ouput Imax @ 230V	Ouput Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40PBX10048B	48V	2,08A	1,25A	100W	60W	210 x 75 x 35
A40PBX15048B	48V	3,13A	1,25A	150W	60W	210 x 75 x 35
A40PBX20048B	48V	4,17A	1,87A	200W	90W	210 x 75 x 35

Datasheet download

Alimentatore 48V per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante 48V, ± 5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Rifasatore attivo, costruzione compatta e basso riscaldamento.
- Morsetti rapidi
- Doppio collegamento di uscita
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 230VDC

Driver 48V for High Brightness LEDs

- For indipendent use - IP20 - Insulation class II
- Steady voltage output 48V, ± 5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Active power factor correction, compact size and reduced heating.
- Fast terminals
- Double output.
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC - Steady output. On request, 230VDC input voltage

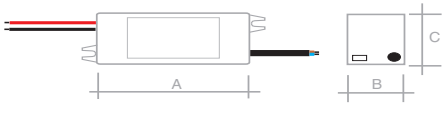
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PLV 48V - Slim Waterproof IP65

100÷150 Watt | CV | PF λ ≥ 0,96 | IP 65 | CE | EMC | M | M | F | 110 | SELV | 60 mm

t_a -10°÷ +45°C





Part Number	Output V	Ouput Imax	W	Dimensions A x B x c
A40PLV10048B	48V	2,08A	100W	175 x 50 x 32
A40PLV15048B	48V	3,12A	150W	175 x 50 x 32

Datasheet download

Alimentatore 48V per LED di potenza - IP65

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in tensione costante 48VDC, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione: 220÷240V/AC ±10% - Uscita stabilizzata

Driver 48V for High Brightness LEDs - IP65

- To be built in - IP65 - Insulation class II
- Output in steady voltage 48VDC, ±5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits.
- Input voltage: 220÷240V/AC ±10% - Steady output.

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PBXD 48V - DALI/1-10V/0-10V/PUSH

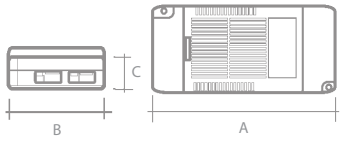
100/150 Watt | CV | SELV | PF λ ≥ 0,98 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C

AC 50Hz | DC | On request | 83 mm

DALI Dimmable | Dimmable | Dimmable 0/1..10

DALI 2





Part Number	Output V	Ouput@230V I max	W @230V	Ouput@110V I max	W @110V	Dimensions A x B x C	Protocol
A40PBX75D48B	48V	1,56A	75W	1,04A	50W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH
A40PBX10D48B	48V	2,08A	100W	1,25A	60W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH
A40PBX15D48B	48V	3,12A	150W	1,25A	60W	210 x 75 x 35	DALI / 0-10V/1-10V/PUSH

Datasheet download

Alimentatore LED 48V dimmerabile DALI/0-10V/1-10V/Push

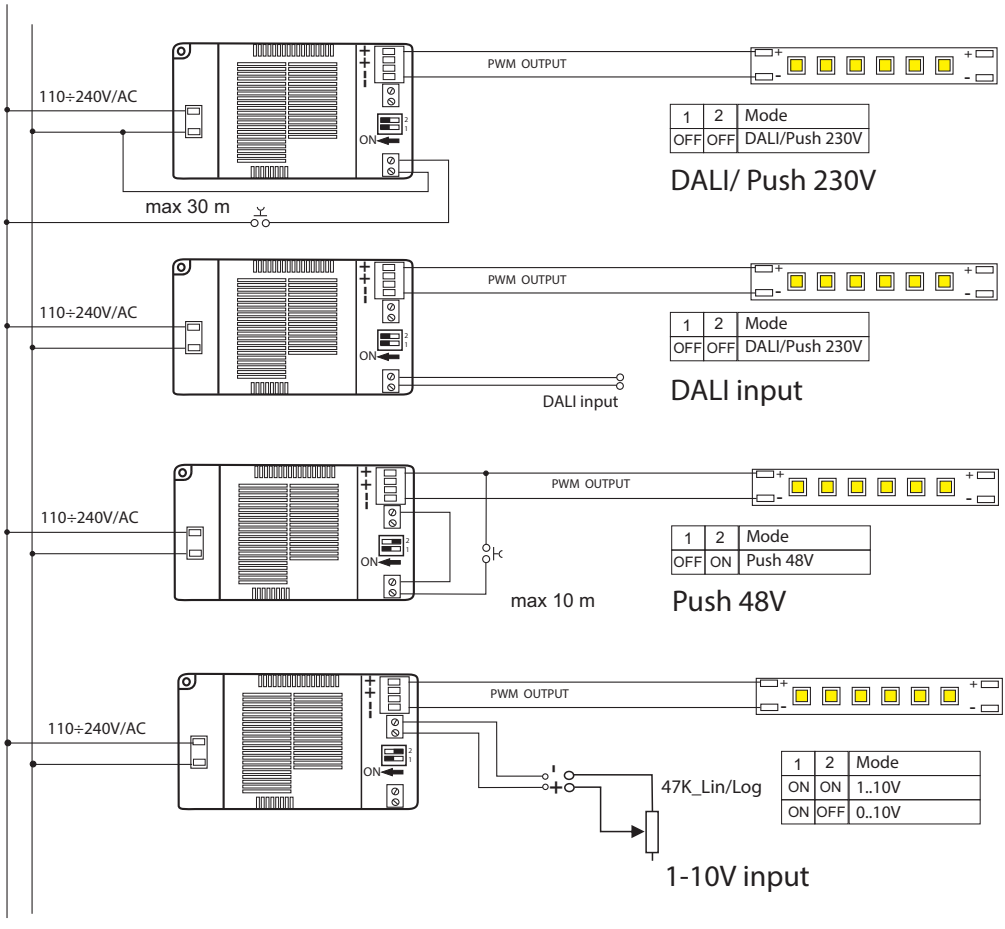
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Comando DALI o pulsante (sul secondario, con memoria), 0-10V, 1-10V o potenziometro, selezionabile tramite impostazione dip-switches.
- Possibilità di sincronizzare più alimentatori
- Uscita in tensione costante 48V PWM
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Morsetti rapidi
- Doppio collegamento di uscita
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 230VDC o specifica potenziata a 110V

48V dimmable LED Driver DALI/0-10V/1-10V/Push

- For independent use - IP20 - Insulation class II
- Dimming control by DALI or PUSH (on the secondary, with memory), 0-10V, 1-10V or potentiometer, selecting the dipswitch combination on board.
- Possible synchronization of more drivers
- Output in constant voltage 48V PWM
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- Fast terminals
- Double output.
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC - Steady output. On request, 230VDC input voltage or specific boosted 110V version

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PBXD - DALI/1-10V/0-10V/PUSH



DALI CUBE - DALI&PUSH / 0-10V/ 1-10V Interface

336 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

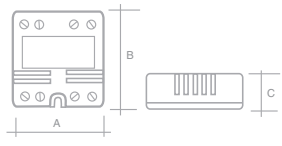
52 mm

Dimmable

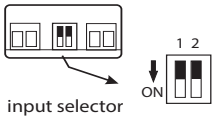
Dimmable 0/1..10

DALI2 Dimmable



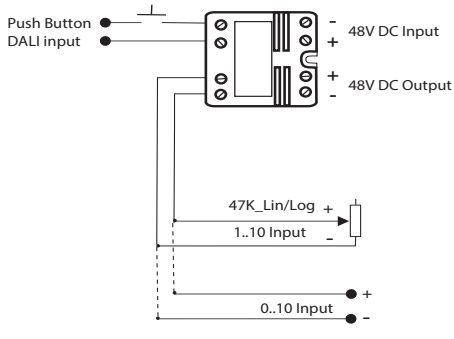


Part Number	Input V	Ouput I max	Ouput V max	W	Dimensions A x B x C	Protocol
A40DACUBE48N	48V	7A	Vin-0,5V	30-336W	41 x 47 x 20	DALI/0-10V/1-10V/PUSH



input selector

1	2	Mode
OFF	OFF	DALI/Push 230V
OFF	ON	Push 48V
ON	OFF	0-10V
ON	ON	1-10V



Datasheet download

Interfaccia DALI/0-10V/1-10V e PUSH

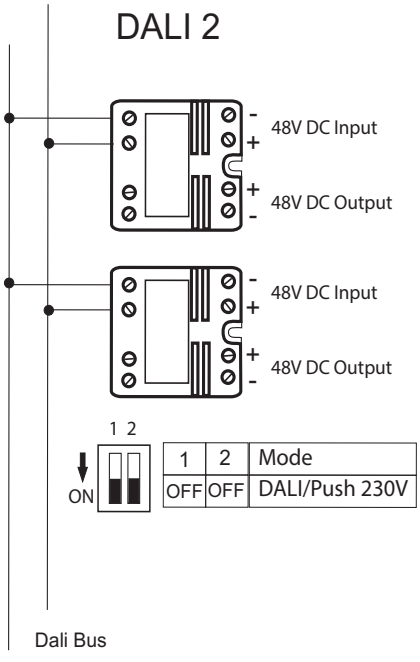
- Comando DALI, pulsante, 0-10V, 1-10V o potenziometro, selezionabile tramite impostazione dip-switches.
- Alimentazione: 48V/DC
- Ingresso PUSH/DALI isolato
- Protezione al corto-circuito
- Comanda carichi resistivi fino a 7A
- Uscita PWM 250Hz

DALI/0-10V/1-10V interface and push

- Dimming control by DALI, PUSH, 0-10V, 1-10V signal or potentiometer, selecting the dipswitch combination on board.
- Input: 48V/DC
- Isolated PUSH/DALI input
- Short-circuit protection
- For resistive loads up to7A
- PWM 250Hz output

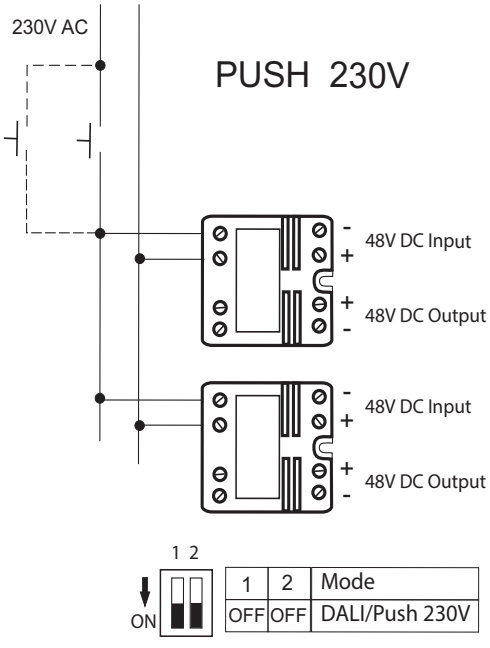
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DALI 2



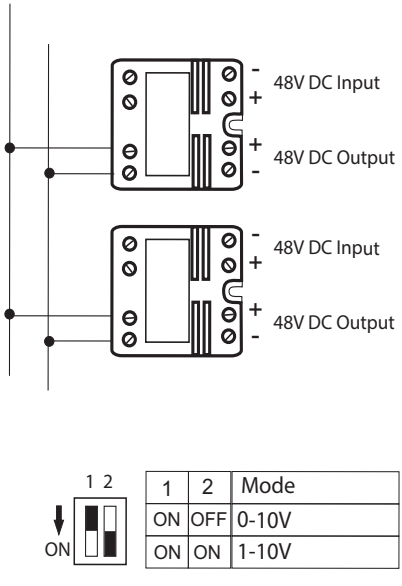
1	2	Mode
OFF	OFF	DALI/Push 230V

PUSH 230V



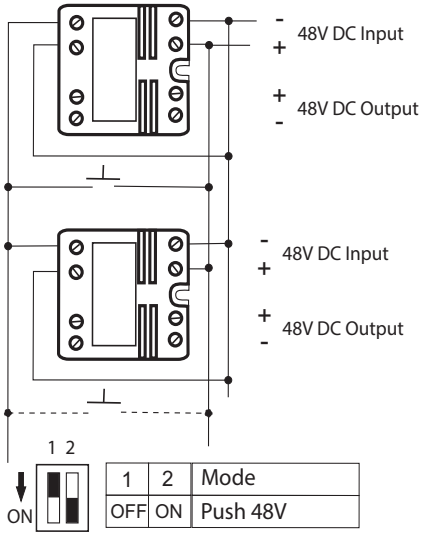
1	2	Mode
OFF	OFF	DALI/Push 230V

0-10/1-10V



1	2	Mode
ON	OFF	0-10V
ON	ON	1-10V

PUSH DC 48V



1	2	Mode
OFF	ON	Push 48V

DIM CUBE - PUSH / 0-10V Dimmable Interface

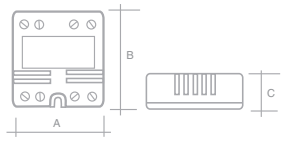
336 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

52 mm

Dimmable

Dimmable 0..10





Part Number	Input V min	Ouput I max	Ouput V max	W	Dimensions A x B x C	Protocol
A40DICUBE48N	48V/DC	7A	Vin-0,5V	336W	41 x 47 x 20	0-10V / PUSH

Datasheet download

Interfaccia 0-10V e PUSH

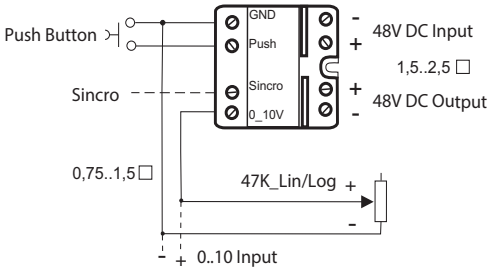
- Comando pulsante o 0-10V
- Alimentazione: 48V/DC
- Ingresso PUSH bassa tensione. Possibile sincronizzazione fino a 10 dispositivi.
- Senza memoria di stato
- Comanda carichi resistivi fino a 7A
- Uscita PWM 250Hz

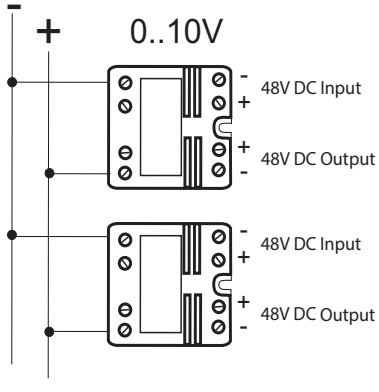
0-10V e PUSH interface

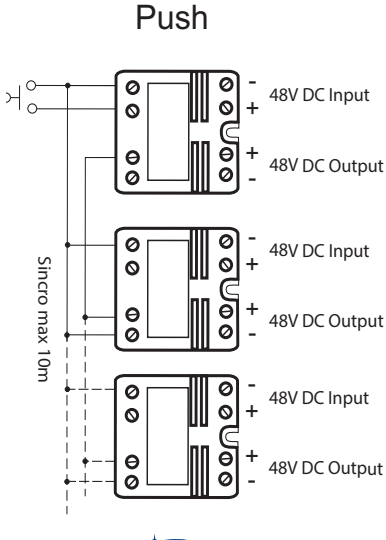
- Dimming control by PUSH or 0-10V
- Input: 48V/DC
- Low voltage PUSH input. Possible synchronization up to 10 devices.
- No state memory
- For resistive loads up to 7A
- PWM 250Hz output

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DIM CUBE - PUSH / 0-10V Dimmable Interface





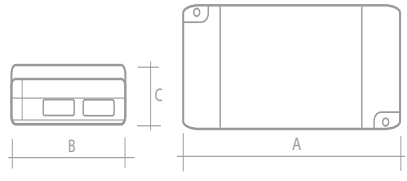


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MD MAXI 48V

320 Watt | CV | PF λ ≥ 0,90 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 88 mm | t_a -10°÷ +40°C | AC 50Hz





Part Number	Output V	Ouput Imax	W	Dimensions A x B x c
A40MD483200B	48V	6,66A	320W	210 x 80 x 36

Datasheet download

Alimentatore LED MD MAXI - 48V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Doppia uscita
- Uscita in tensione costante, ±5%
- Protezione ontro le sovratemperature, sovratensioni e contro il corto-circuiti sul secondario.
- Alimentazione: 220÷240V/AC - Uscita stabilizzata.

MD MAXI led driver - 48V

- For indipendent use - IP20 - Insulation class II
- Double output
- Steady voltage output, ± 5%
- Self-resetting protection against overtemperatures, over-voltage and output short circuits
- Input voltage: 220÷240V/AC - Steady output.

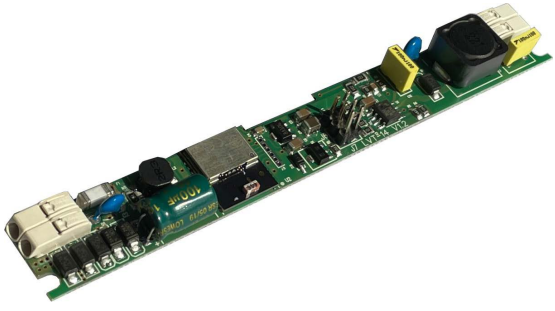
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TRACK Converter for Tracks

28 Watt | CC | PF λ ≥ 0,96 | IP 00 | CE | EMC | M | M | F | 110 | SELV | t_a -20°÷ +45°C

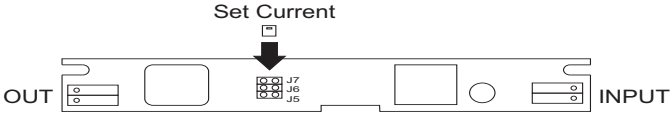
22 mm | 05

Dimmable



Part Number	Input V	Output I typ	Ouput V min	Ouput V max	Uout	W	Dimensions A x B x C	Protocol
A40TRACK2800	48V AC/DC	250-700mA	10V	44V	48V	28W	125 x 16 x 10	PWM
A40TRACK2900	48V AC/DC	250-700mA	10V	44V	48V	28W	125 x 14,5 x 10	PWM

J7	J6	J5	Set to
Open	Open	Open	250mA
Close	Open	Open	350mA
Open	Close	Open	400mA
Open	Close	Open	450mA
Close	Close	Open	500mA
Open	Open	Close	550mA
Open	Close	Close	600mA
Close	Close	Close	700mA



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Convertitore LED per binari (da incorporare)

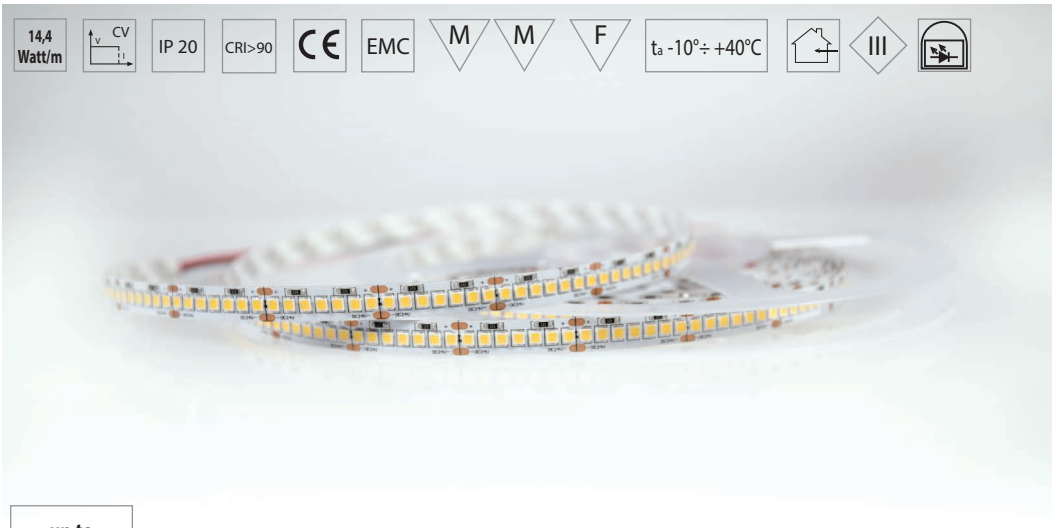
- Alimentatore indipendente - IP00 - Classe II - SELV
- Alimentazione: 48V AC/DC - Uscita stabilizzata
- Uscita in corrente costante regolabile da 250 a 700mA, ±5%
- Dimmerabile PWM lato primario 250÷400Hz 0,5..100%
- Morsetti rapidi
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.

LED Converter for TRACKS (to be built in)

- Independent power supply - IP00 - Class II - SELV
- Input: 48V AC/DC - Stabilized output
- Adjustable constant current output from 250 to 700mA, ± 5%
- Primary side PWM dimmable 250÷400Hz 0.5÷100%
- Fast terminals
- Self-restoring protection against overheating, against open circuit and short circuits on the secondary.

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48V LED 2835 - High Efficiency - IP20



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H48140030	3000K	1870	140	48V/DC	50mm	14,4W	IP20	E
A41H48140040	4000K	1885	140	48V/DC	50mm	14,4W	IP20	E

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 48V autoadesive IP20

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- Moduli da 7 LED per una diminuzione delle perdite in calore e migliore resa luminosa. Consumo ridotto, alto rendimento
- Disponibile nei colori standard 3000K e 4000K
- Fornite in nastro da 20m e cavetto di raccordo.
- Alimentazione da un solo lato

48V Flexible adhesive LED strips IP20

- LED 2835 with high lumen efficiency and low voltage drop
- 7LED segment for a reduction of warm losses and higher lumen efficiency - Reduced consumption, higher efficiency
- Available in standard 3000K and 4000K
- Supplied in 20m roll with connecting cable
- Powered by one side only

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48V LED 2835 - High Efficiency - IP65

14,4 Watt/m | CV | IP 65 | CRI>90 | CE | EMC | M | M | F | t_a -10°÷ +40°C | III



up to 130 lm/w



Part Number	CCT (K)	Lumen/m	LED/m	V (Typ)	Cut	W/m	IP	EEC*
A41H48140A30	3000K	1800	140	48V/DC	50mm	14,4W	IP65	E
A41H48140A40	4000K	1825	140	48V/DC	50mm	14,4W	IP65	E

** The EEC specification refers in each case to the installED light source(s)

Datasheet download

Strisce flessibili a LED 48V autoadesive IP65

- LED 2835 ad alta efficienza e a bassa caduta di tensione
- IP65 (Hollow Extrusion)
- Realizzata in moduli da 7 LED per una diminuzione delle perdite in calore e migliore resa luminosa. Consumo ridotto, alto rendimento
- Disponibile nei colori standard 3000K e 4000K
- Fornite in nastro da 20m e cavetto di raccordo.
- Alimentazione da un solo lato

48V Flexible adhesive LED strips IP65

- LED 2835 with high lumen efficiency and low voltage drop
- IP65 (Hollow Extrusion)
- 7LED segment for a reduction of warm losses and higher lumen efficiency - Reduced consumption, higher efficiency
- Available in standard 3000K und 4000K
- Supplied in 20m roll with connecting cable
- Powered by one side only

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Notes

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LED Drivers



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Omologazioni e simboli

Simboli - Symbols - Symboles

SELV	Alimentatore che eroga una bassissima tensione di sicurezza secondo EN61347-2-13 - Transformer with low-voltage safety tension in accordance with standards EN61347-2-13
EMC	Trasformatore conforme alla direttiva sulla compatibilità elettromagnetica. Norme EN 55015 e EN61000-3-2 e 3-3 - Transformer complying with the requirements of the directive for Electromagnetic Compatibility EMC. Standards EN55015 and EN61000-3-2 and 3-3
	Classe II di isolamento contro le scosse elettriche da contatti diretti e indiretti secondo la norma EN61347-2-13 - Insulation class II against direct and indirect electric shocks in accordance with standard EN61347-2-13
	Prodotto da incorporare in classe II di isolamento contro le scosse elettriche da contatti diretti e indiretti secondo la norma EN61347-2-13-Product to be built in in insulation class II against direct and indirect electric shocks in accordance with standard EN61347-2-13
	Trasformatore indipendente per installazioni a vista, senza altri rivestimenti di protezione - Indipendent transformer for installations at sight without any additional protective cover
M M	Trasformatore idoneo per essere installato su mobili - Transformer suitable for installation in furniture
F	Trasformatore idoneo per installazione su superfici normalmente infiammabili - Transformer suitable for installation on regulary flammable surfaces
xx	Trasformatore con protezione termica incorporata - Transformer with built-in thermal protection
IP xy	Grado di protezione: (x) contro i corpi solidi; (y) contro i liquidi - Protection degree: (x) against solid bodies; (y) against liquids
	Apparecchiatura da installare solo in interni - Equipment only for indoor installation
t_a -xx°÷ +xx°C	Temperatura ambiente di funzionamento - Operatine ambient temperature

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Tensione/corrente costante • Constant voltage/current



Alimentatore a tensione costante. Mantiene la tensione di uscita costante da vuoto (senza carico) al massimo carico consentito. Non è adatto a comandare i LED direttamente. Utilizzare lampadine e moduli LED che incorporano un regolatore e che riportano in etichetta 12 o 24V Vdc.

Constant voltage driver. It keeps the output voltage constant from zero to maximum output power (even without load). Not suitable for driving leds directly: to be used with LED bulbs or LED modules with built-in regulator (their label must mention 12VDC or 24VDC).



Alimentatore a corrente costante. Mantiene la corrente di uscita costante indipendentemente dal numero di LED collegati. Alimenta i LED direttamente senza interposizione di altri dispositivi . La tensione di uscita varia in relazione al numero di LED collegati.

Constant current driver. It keeps output current constant independently from the number of connected LEDs. It drives LEDs directly with no need of other devices in between.
Output voltage varies according to the number of connected LEDs

---



Alimentatore a tensione e corrente costante: mantiene la tensione costante da vuoto al massimo carico, raggiunto il punto di massima potenza inizia a regolare la corrente diminuendo la tensione di uscita fino al valore di carico minimo .
Adatto ad alimentare sia dispositivi a tensione costante, sia i LED direttamente a corrente costante.

Constant current and voltage driver. It keeps the output voltage constant from zero to maximum load, once the maximum ouput power has been reached, the driver starts to regulate the current, by decreasing the output voltage up to when the minimum allowed load is reached.
It suitable for driving both constant voltage products and constant current LEDs directly

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LED Drivers

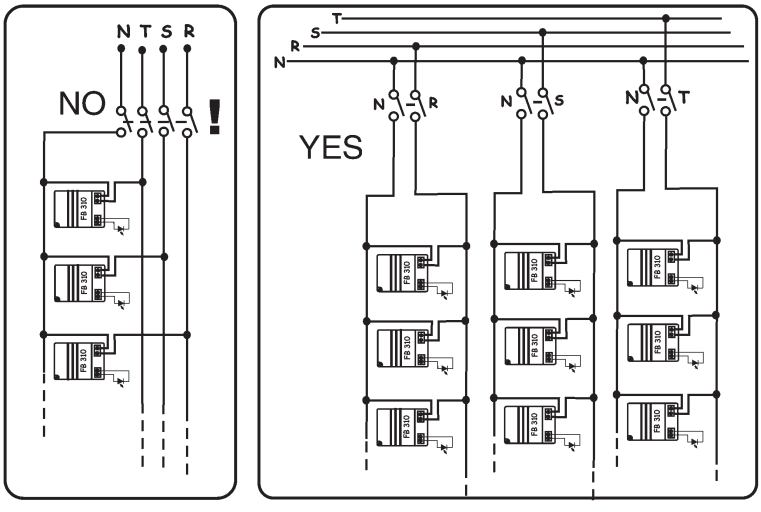
Alimentatori LED - Istruzioni di utilizzo e di installazione

Gli alimentatori a corrente costante devono essere utilizzati unicamente per LED di potenza che abbiano la stessa corrente indicata sugli alimentatori. Il numero massimo di LED da collegare all'alimentatore dipende dal tipo di LED utilizzato. La caduta di tensione tipica dei LED è di 3,2V@350mA e di 3,6V@700mA. In caso di utilizzo con LED di vecchia generazione (con cadute di tensione di 3,6..4V), bisogna collegare un LED in meno rispetto al numero indicato sull' etichetta. La corrente di uscita deve essere misurata dopo 5 minuti dall' accensione. Gli alimentatori a tensione costante devono essere collegati a gruppi di LED che abbiano dei regolatori di corrente incorporati o delle resistenze in serie. Rispettate la potenza massima del carico e le tensioni indicate. In caso di uso gravoso utilizzare a potenza intermedia.
Fare sempre attenzione alla polarità del secondario. Installare il sistema lontano da fonti di calore e in luoghi ben areati. Distanza minima dai LED: 10cm.
Protezione termica: se la temperatura supera i valori limite, l'alimentatore si disinserisce e dopo pochi secondi si autoripristina.
Evitare cortocircuiti sul lato secondario e togliere tensione prima di collegare i LED al sistema. Non realizzare impianti dove l'interruttore è posto in serie al secondario, perché le elevate correnti di spunto possono danneggiare i LED .
Collegamento dei LED: utilizzare sempre un cavo da 0,5 … 1,5 mm2 per una lunghezza massima di 10 m. e da 1,5mm2 per lunghezze superiori a 10m (massimo 30m).
Cablaggio in entrata: utilizzare in entrata un cavo H03VVH2F 2x0,75 o un cavo adatto all'apparecchio.
USO GRAVOSO: per tutti i tipi di apparecchio utilizzare un carico inferiore del 10-20% a quello massimo indicato.
Controllare la temperatura massima di lavoro sul punto tc e verificare che venga rispettata alla massima temperatura ambiente prevista.

LED Drivers - Installation instructions

Drivers working in constant current must be used only with High Brightness LEDs that have the same current indicated on the driver itself. The max number of LEDs that can be connected to the driver depends only on the kind of LEDs used. Typical voltage drop of leds is 3,2V@350mA and 3,6V@700mA. if "old generation" leds (voltage drop 3,6V÷4V) are used, connect them to a driver remembering that the maximum number of leds that can be connected to the driver (usually written in the driver's label) should be reduced by one led. The driver's output current should be measured after 5 minutes from driver's switching. Drivers working in constant voltage must be connected to group of leds having built-in current regulators or resistences in series. Always respect the maximum load allowed and the correct voltages. In case of extreme use, reduce power. Always pay attention to the polarity of the secundary cable. Put the system far from heat sources and in well aired places. Minimum distance from leds: 10 cm
Thermal protection: if the temperature usually exceeds the limit values, the driver switches off and after a few seconds it switches on again. Avoid short circuit on the secundary and give tension only after all LEDs have been connected. Do not make installations in which the switch is positioned in series with the secondary, high currents (spikes) may damage leds.
LEDs connection: always use a 0,5÷1,5 mm2 cable for a maximum length of 10 m and a 1,5mm2 (or more) for lengths exceeding 10m (max 30m).
Input wiring: use a H03VVH2F 2x0,75 input cable or a suitable cable for the product.
IN CASE OF SEVERE USE: reduce the maximum rated load by 10÷20%. Always check ambient temperature and highest working temperature on Tc dot.

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Sempre più spesso si realizzano impianti con LED di grossa potenza.
Gli alimentatori QLT, se utilizzati in un impianto alimentato da una linea trifase, devono essere collegati fra loro come indicato sopra.
Un impianto ideale si realizza dividendo in tre gruppi di uguale numero di alimentatori, ognuno dei quali controllato da un interruttore bipolare, in modo da proteggere i componenti da eventuali sovratensioni. Utilizzare solo alimentatori con fattore di potenza >=0,85.
Ricordarsi di installare sempre in luogo areato rispettando una distanza minima di 5 cm. fra gli apparecchi.
Evitare di utilizzare un solo interruttore generale a 4 contatti, poiché il possibile intervento anticipato del contatto del neutro durante la manovra e il conseguente sbilanciamento delle fasi potrebbero portare al guasto di uno o più alimentatori.

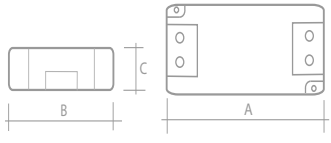
High wattage professional LED lighting systems are always more and more common. Drivers by QLT, if used in a three-phase network, must be connected as indicated here above. A typical lighting system is built up dividing the drivers to be used in three groups with the same number of drivers, where each group is then controlled by a bipolar switch, so as to protect the components by overtension.
Only use drivers with a power factor over 0,85.
Always remember to install components in a well aerated place, respecting a min. distance of 5m inbetween the devices.
Avoid to use one single 4-contact main switch, as the probable advanced intervention of the neutral contact during operation and the subsequent upset of the phases may bring to a destruction of the installED transformers.

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TH - UL 24V

30÷60 Watt | CV | PF λ ≥ 0,90 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 61 mm | t_a -10°÷ +40°C | AC 50Hz





Part Number	Output V	Ouput Imax	W	Dimensions A x B x c	
A40TH24030UB	24V	1,25A	30W	160 x 58 x 18	UL
A40TH24060UB	24V	2,5A	60W	160 x 58 x 18	UL

Datasheet download

Alimentatore LED THIN UL - 24V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ±5%
- UL LISTED
- Protezione ontro le sovratemperature, sovratensioni e contro il corto-circuiti sul secondario.
- Alto fattore di potenza
- Alimentazione: 100÷240V/AC - Uscita stabilizzata.

Led driver THIN UL - 24V

- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- UL LISTED
- Self-resetting protection against overtemperatures, over-voltage and output short circuits
- High power factor
- Input voltage: 100÷240V/AC - Steady output.

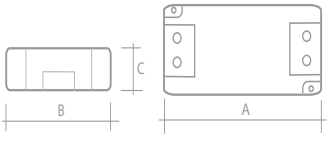
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TH - 12/24V

20 Watt | CV | PF λ ≥ 0,90 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 40 mm

t_a -10°÷ +40°C | AC 50Hz | TÜVRheinland CERTIFIED





Part Number	Output V	Ouput Imax	W	Dimensions A x B x c	
A40TH120200B	12V	1,66A	20W	103 x 35.5 x 16.5	TUV
A40TH240200B	24V	0,833A	20W	103 x 35.5 x 16.5	TUV

Datasheet download

Alimentatore LED THIN - 12V - 24V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ±5%
- Basso spessore
- Protezione ontro le sovratemperature, sovratensioni e contro il corto-circuiti sul secondario.
- Alto fattore di potenza
- Alimentazione: 220÷240V/AC - Uscita stabilizzata.

THIN led driver - 12V - 24V

- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- Reduced thickness
- Self-resetting protection against overtemperatures, over-voltage and output short circuits
- High power factor
- Input voltage: 220÷240V/AC - Steady output.

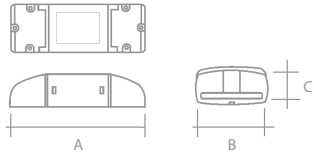
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PDV Power Design 12/24V

16÷19 Watt | CV | PF λ ≥ 0,85 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 45 mm

t_a -10°÷ +40°C





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40PDV12000B	12V	1,33A	1,08A	16W	13W	138 x 40 x 28,5
A40PDV24000B	24V	0,79A	0,62A	19W	15W	138 x 40 x 28,5

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, + /-5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Doppio morsetto in ingresso
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Driver for High Brightness LEDs

- Indipendent driver - IP20 - Insulation class II
- Output in steady voltage, + /-5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Double input terminal
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC- Steady output.

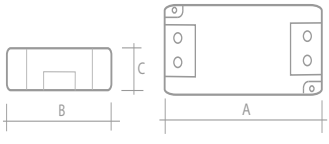
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TH FLAT 24V

12÷30 Watt | CV | PF λ ≥ 0,90 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 52 mm

t_a -10°÷ +40°C | AC 50Hz | TÜVRheinland CERTIFIED





Part Number	Output V	Output Imax	W	Dimensions A x B x C	
A40TH240120B	24V	0,5A	12W	127 x 50 x 12	TUV
A40TH240300B	24V	1.25A	30W	160 x 50 x 14	TUV

Datasheet download

Alimentatore LED THIN - 24V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ±5%
- Protezione ontro le sovratemperature, sovratensioni e contro il corto-circuiti sul secondario.
- Basso spessore
- Alimentazione: 220÷240V/AC - Uscita stabilizzata.

THIN led driver - 24V

- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- Self-resetting protection against overtemperatures, over-voltage and output short circuits
- Reduced thichness
- Input voltage: 220÷240V/AC - Steady output.

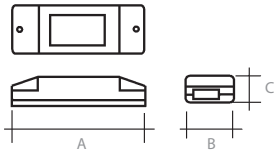
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PT Professional Led Driver 12/24V

30-50 Watt | CV | PF λ ≥ 0,95 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 50 mm

t_a -10°÷ +40°C | AC 50Hz | DC | On request





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V**	W @230V	W @110V**	Dimensions A x B x c
A40PT030120B	12V	2,5A	1,66A	30W	20W	165 x 41 x 27,5
A40PT035240B	24V	1,45A	0,83A	35W	20W	165 x 41 x 27,5
A40PT050240B	24V	2,08A	1,25A	50W	30W	165 x 41 x 27,5

** on request

Datasheet download

Alimentatore LED 12-24V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ± 5%
- Protezione autoripristinante contro le sovratemperature e i corto-circuiti sul secondario.
- Rifasatore attivo, costruzione compatta e basso riscaldamento.
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 220÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 110VAC

12-24V LED Driver

- Driver for independent mounting - IP20 - Insulation class II
- Steady voltage output , ± 5%
- Self-resetting protection against overtemperatures and output short circuits.
- Active Power factor correction, compact size and reduced heating.
- Cable clamp for flat and round cables
- Input voltage: 220÷240V/AC - Steady output. On request, 110VAC input voltage

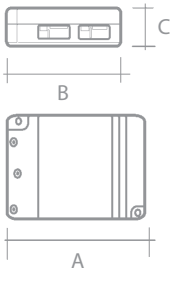
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FB Flat Box 24V

36-60 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 78 mm

t_a -10°÷ +40°C





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40FB036000B	24V	1,5A	0,84A	36W	20W	117 x 75 x 20
A40FB060000B	24V	2,5A	1,46A	60W	35W	117 x 75 x 20

Datasheet download

Alimentatore per LED di potenza 24V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante 24VDC, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alto fattore di potenza
- Basso spessore
- Alimentazione : 110÷240V/AC- Uscita stabilizzata.

Driver for High Brightness LEDs 24V

- For independent use - IP20 - Insulation class II
- Output in steady voltage 24VDC, ±5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- High power factor
- Reduced thichness
- Input voltage: 110÷240V/AC- Steady output.

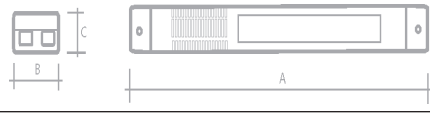
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SLIMBOX 24V

60/100 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 37 mm

t_a -10°÷ +40°C | AC 50Hz | DC | On request





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40SLBOX060B	24V	2,5A	1,46A	60W	35W	310 x 30 x 21
A40SLBOX100B	24V	4,16A	2,08A	100W	50W	310 x 30 x 21

Datasheet download

Alimentatore per moduli a LED

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ±5%
- Alto fattore di potenza
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 230VDC

Driver for LED modules

- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- High power factor
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC - Steady output. On request, 230VDC input voltage

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SL 24V

45÷200 Watt | CV | PF λ ≥ 0,90 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 36 mm 45/75/100W | 40 mm 150/200W

t_a -10°÷ +40°C | AC 50Hz | TÜVRheinland CERTIFIED





Part Number	Output V	Output Imax	W	Dimensions A x B x c	
A40SL240450B	24V	1.875A	45W	251 x 30 x 16	TUV
A40SL240750B	24V	3.125A	75W	305 x 30 x 17	TUV
A40SL241000B	24V	4.16A	100W	320 x 30 x 19	TUV
A40SL241500B	24V	6.25A	150W	360 x 32 x 24	TUV
A40SL242000B	24V	8.33A	200W	360 x 32 x 24	TUV

Datasheet download

Alimentatore LED SLIM - 24V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ±5%
- Alto fattore di potenza
- Protezione ontro le sovratemperature, sovratensioni e contro il corto-circuiti sul secondario.
- Alimentazione: 220÷240V/AC - Uscita stabilizzata.

SLIM led driver - 24V

- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- High power factor
- Self-resetting protection against overtemperatures, over-voltage and output short circuits
- Input voltage: 220÷240V/AC - Steady output.

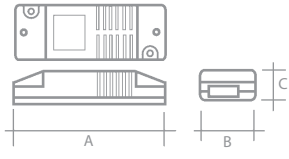
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MD 12/24V

48÷100 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 62 mm

ta -10°÷ +40°C | AC 50Hz | DC | On request | ENEC 05





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c	ENEC 05
A40MD048000B	12V	4A	3A	48W	36W	205 x 51 x 35	
A40MD060000B	24V	2,5A	1,8A	60W	43W	205 x 51 x 35	•
A40MD070000B	24V	2,9A	2,08A	70W	50W	205 x 51 x 35	
A40MD100000B	24V	4,16A	-	100W	-	205 x 51 x 35	

Datasheet download

Alimentatore per moduli a LED

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ±5%
- Alto fattore di potenza
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC. Modello MD100: 220÷240V/AC
- A richiesta, alimentazione a 230VDC

Driver for LED modules

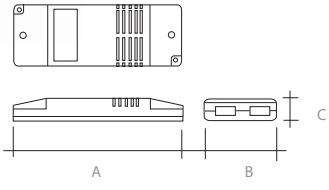
- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- High power factor
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC. Type MD100: 220÷240V/AC
- On request, 230VDC input voltage

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PBF POWERBOX Flat

60÷100 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 64 mm | t_a -10°÷ +40°C





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40PBF06000B	24V	2,5A	1,45A	60W	35W	192 x 60 x 22
A40PBF07500B	24V	3,12A	2,08A	75W	50W	192 x 60 x 22
A40PBF10000B	24V	4,16A	2,08A	100W	50W	192 x 60 x 22

Datasheet download

Alimentatore per LED di potenza
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante 24VDC, ± 5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione: 110÷240V/AC - Uscita stabilizzata.

Driver for High Brightness LEDs
- For indipendent use - IP20 - Insulation class II
- Steady voltage output 24VDC,, ± 5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC - Steady output.

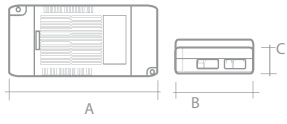
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PBX 24V

75÷200 Watt | CV | PF λ ≥ 0,98 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 80 mm

t_a -10°÷ +40°C | AC 50Hz | DC | On request | EN 05





Part Number	Output V	Ouput Imax @ 230V	Ouput Imax @ 110V	W @230V	W @110V	Dimensions A x B x c	EN 05
A40PBOX0750B	12V	6,25A	5A	75W	60W	210 x 75 x 35	
A40PBOX1000B	12V	8,33A	5A	100W	60W	210 x 75 x 35	
A40PBX10000B	24V	4,16A	2,5A	100W	60W	210 x 75 x 35	•
A40PBX15000B	24V	6,25A	2,5A	150W	60W	210 x 75 x 35	•
A40PBX20000B	24V	8,33A	3,75A	200W	90W	210 x 75 x 35	

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante, ± 5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Rifasatore attivo, costruzione compatta e basso riscaldamento.
- Doppio collegamento di uscita
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240V/AC - Uscita stabilizzata. A richiesta, alimentazione a 230VDC

Driver for High Brightness LEDs

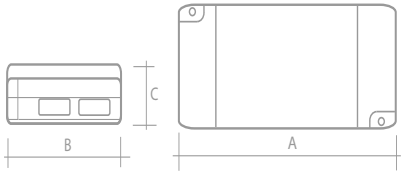
- For indipendent use - IP20 - Insulation class II
- Steady voltage output, ± 5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Active power factor correction, compact size and reduced heating.
- Double output.
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC - Steady output. On request, 230VDC input voltage

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MD MAXI 24V

320 Watt | CV | PF λ ≥ 0,90 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 88 mm | t_a -10°÷ +40°C | AC 50Hz





Part Number	Output V	Output Imax	W	Dimensions A x B x c
A40MD243200B	24V	13.33A	320W	210 x 80 x 36

Datasheet download

Alimentatore LED MD MAXI - 24V

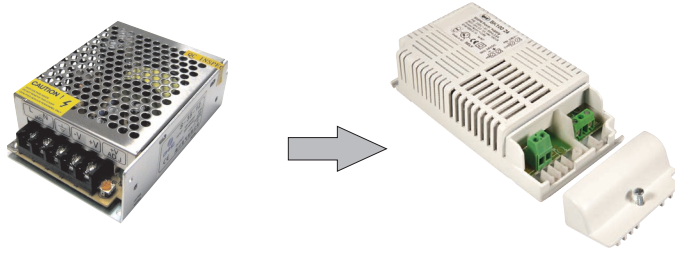
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Doppia uscita
- Uscita in tensione costante, ±5%
- Protezione ontro le sovratemperature, sovratensioni e contro il corto-circuiti sul secondario.
- Doppio collegamento di uscita
- Alto fattore di potenza
- Alimentazione: 220÷240V/AC - Uscita stabilizzata.

MD MAXI led driver - 24V

- For indipendent use - IP20 - Insulation class II
- Double output
- Steady voltage output, ± 5%
- Self-resetting protection against overtemperatures, over-voltage and output short circuits
- Double output.
- High power factor
- Input voltage: 220÷240V/AC - Steady output.

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BK Basic



I prodotti della Serie Basic sono degli alimentatori elettronici a commutazione SMPS utilizzabili in tutte le applicazioni sia industriali che domestiche dove serve un componente in Classe II Selv, affidabile ed economico.
Possono essere impiegati in macchine industriali, apparecchiature elettroniche, strumentazione, automazione, telecamere di sorveglianza, antifurti e illuminazione. Sostituiscono gli alimentatori metallici in Classe I, aumentando così la sicurezza dell'impianto e semplificandone la progettazione.
Conformi alla norma EN61558-2-16 sulla sicurezza elettrica.
Conformi alla norma EN55011-A – EN55015-2019 - EN55022-A per i radiodisturbi.
Permettono senza limitazioni un utilizzo gravoso fino a 40° ambiente. Pensati per un uso continuativo in centrali di comando, telecamere, macchine industriali, illuminazione. Dotati di protezioni elettroniche per le principali cause di guasto come sovratensioni, cortocircuiti, sovraccarichi.
Vantaggi rispetto agli alimentatori metallici: Classe II di isolamento senza collegamento della messa a terra; contenitore in plastica isolata, senza pericolo di scossa elettrica anche in caso di guasto; coperchio a protezione dei cablaggi, dimensioni più ridotte e migliore facilità di fissaggio, corrente di accensione limitata elettronicamente. Gli alimentatori Basic sono da incorporare, pertanto le loro performances, la loro compatibilità elettromagnetica e la protezione all'acqua delle connessioni, devono essere testate provando l'impianto nel suo insieme

Basic products are SMPS switched electronic drivers that can be used in domestic and industrial installations where a reliable component is needed in terms of safety, simple to use and economical, in class II Selv. The compact size allows them to be installed in industrial machines, electrical cabinets, devices, instruments, automation, surveillance cameras, alarms, etc. They replace the class I metal drivers, increasing the security of the system and simplifying its design. Complies with the EN61558-2-16 standard on electrical safety. Complies with EN55011-A - EN55015-2019 - EN55022 for radio interference. Uses without limits up to 40 °C ambient temperature. Non-stop use in electrical cabinets, surveillance cameras, industrial machinery, lighting. Equipped with electronic protections against overvoltages, short circuits, overloads.
Advantages over metal drivers: Class II insulation without grounding, insulated plastic housing, without risk of electric shock in case of breakdown connection, protection cover, compact size and easy fixing; electronically limited ignition current. These products are to be incorporated and the test which verifies and guarantees the performances, the electromagnetic compatibility and the protection of the waterwiring must be done on the entire installation.

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BK Basic

100 Watt | CV | PF λ ≥ 0,65 | IP 20 | CE | EMC | M | M | F | 110 | SELV | ta -10°÷ +40°C | 64 mm



Part Number	Output V	Output Imax	W	Dimensions A x B x c
A40BK100240B	24V	4,16A	100W	127 x 66 x 32

Datasheet download

Driver a commutazione SMPS
- Alimentatore da incorporare - IP20 - Classe II di isolamento
- Uscita a tensione costante 24VDC ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto e i corto-circuiti sul secondario.
- Alimentazione: 220÷240V/AC ± 10% - Uscita stabilizzata

SMPS switched electronic driver
- To be built in - IP20 - Insulation class II
- Output in steady voltage 24VDC, ± 5%
- Self-resetting protection against overtemperatures, against open cuircuit and output short circuits
- Input voltage: 220÷240V/AC ± 10% - Steady output.

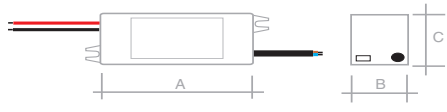
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PLV Slim Waterproof IP65

50÷150 Watt | CV | PF λ ≥ 0,96 | IP 65 | CE | EMC | M | M | F | 110 | SELV | 46/60 mm

t_a -10°÷ +45°C





Part Number	Output V	Output Imax	W	Dimensions A x B x C
A40PLV05000B	24V	2,08A	50W	143 x 40 x 22
A40PLV050K0B	24V	2,08A	50W	178 x 40 x 23,5
A40PLV10000B	24V	4,16A	100W	175 x 50 x 32
A40PLV15000B	24V	6,25A	150W	175 x 50 x 32

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in tensione costante 24VDC, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alto fattore di potenza
- Alimentazione: 220÷240V/AC ±10% - Uscita stabilizzata

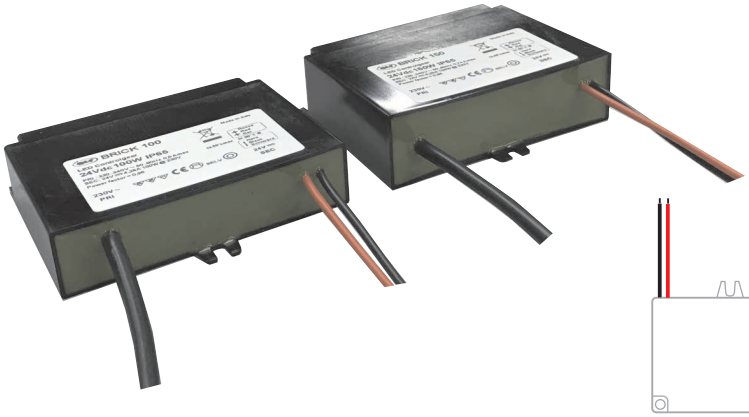
Driver for High Brightness LEDs

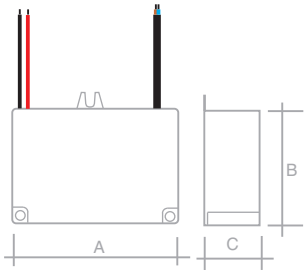
- To be built in - IP65 - Insulation class II
- Output in steady voltage 24VDC, ±5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits.
- High power factor
- Input voltage: 220÷240V/AC ±10% - Steady output.

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BRICK Compact IP65

60÷150 Watt | CV | PF λ ≥ 0,96 | IP 65 | CE | EMC | M | M | F | 110 | SELV | t_a -20°÷ +45°C | 81/83 mm





Part Number	Output V	Output Imax	W	Dimensions A x B x c
A40BRICK06CN	24V	2,5A	60W	100 x 77 x 23,5
A40BRICK10CN	24V	4,16A	100W	100 x 77 x 23,5
A40BRICK15CN	24V	6,25A	150W	100 x 77 x 29,5

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in tensione costante 24VDC, ± 5%
- Protezione autoripristinante contro le sovratemperature e i corto-circuiti sul secondario.
- Alimentazione: 220÷240V/AC ± 10%- Uscita stabilizzata
- Alto fattore di potenza
- Fornito con cavi

Driver for High Brightness LEDs

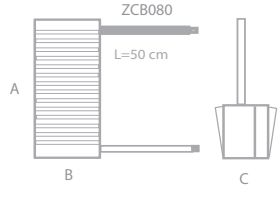
- To be built in - IP65 - Insulation class II
- Output in steady voltage 24VDC, ± 5%
- Self-resetting protection against overtemperatures and output short circuits
- Input voltage: 220÷240V/AC ± 10%- Steady output.
- High power factor
- Delivered with cables

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MIP Waterproof IP65

49÷160 Watt | CV | PF λ ≥ 0,96 | IP 65 | CE | EMC | M | M | F | 110 | SELV | ta -20°÷ +45°C | 90 mm





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40MIP05400N	12V	4,08A	3A	49W	36W	177 x 82 x 35
A40MIP11000N	12V	9,16A	5,9A	110W	70W	177 x 82 x 35
A40MIP07000N	24V	2,90A	2,08A	70W	50W	177 x 82 x 35
A40MIP16000N	24V	6,66A	2,90A	160W	70W	177 x 82 x 35

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in tensione costante 12÷24VDC, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Rifasatore attivo, forma compatta e basso riscaldamento
- Alimentazione: 110÷240V/AC - Uscita stabilizzata

Driver for High Brightness LEDs

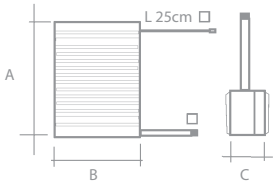
- To be built in - IP65 - Insulation class II
- Output in steady voltage 12÷24VDC, ±5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits.
- Active power factor correction, compact size and reduced heating
- Input voltage: 110÷240V/AC - Steady output.

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MB Maxi Waterproof

144÷300 Watt | CV | PF λ ≥ 0,96 | IP 65 | CE | EMC | M | M | F | 110 | SELV | t_a -20°÷ +45°C | 114 mm





Part Number	Output V	Output Imax @ 230V	Output Imax @ 110V	W @230V	W @110V	Dimensions A x B x c
A40MB150000B	12V	12A	8A	144W	96W	152 x 104 x 46
A40MB300C00B	24V	12,5A	6,25A	300W	150W	152 x 104 x 46

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in tensione costante, ± 7%
- Protezione autoripristinante contro le sovratemperature e i corto-circuiti sul secondario.
- Contenitore plastico termoconduttivo per dissipazione del calore, alto rapporto volume potenza
- Alimentazione: 110÷240V/AC - Uscita stabilizzata
- Fornito con cavi da 25cm (a richiesta con morsetti)

Driver for High Brightness LEDs

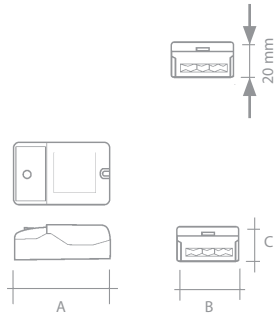
- To be built in - IP65 - Insulation class II
- Output in steady voltage, ± 7%
- Self-resetting protection against overtemperatures and output short circuits
- Thermo conductive housing with high heat dissipating capacity.
- Input voltage: 110÷240V/AC - Steady output.
- Standard delivered with 25cm cables (with terminals, on request)

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MINI NICE Compact

3÷4,2 Watt | CV+CC | PF λ ≥ 0,6 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 47 mm | t_a -10°÷ +40°C | AC/DC





Part Number	Iout	Vout Led Min	Vout Led Max	Uout	W	Dimensions A x B x c
A40MN300000B	350mA	2,75	10,5*	12V	4,2W	59 x 42 x 20
A40MN500000B	500mA	2,75	7	10V	4W	59 x 42 x 20
A40MN400000B	700mA	2,75	3,5	6V	3W	59 x 42 x 20

*in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP 20 - Classe II di isolamento
- Uscita in tensione e corrente costante +/-10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 220V÷ 240V/AC - A rischiesta 110V÷ 240V/AC Uscita stabilizzata

Driver for High Brightness LEDs

- Indipendent driver - IP 20 - Insulation class II
- Output in steady voltage and current +/-10%
- Self-resetting protection against overtemperatures against open circuit and against output short circuits.
- Imput voltage: 220V÷ 240V/AC - On request 110V÷ 250V/AC Steady output.

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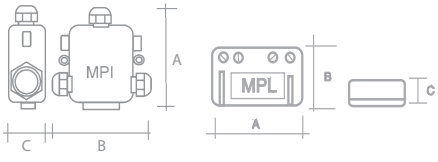
MPL Small

1,5÷4,2 Watt | CV+CC | PF λ ≥ 0,5 | IP 20 IP 66 | CE | EMC | AC/DC | M | M | F | 110 | SELV | MPL: 41 mm MP1: 85 mm

t_a -10°÷ +40°C | ENEC 05







Part Number	Iout	Vout Led Min	Vout Led Max	Uout	W	Dimensions A x B x c	IP	ENEC 05
A40MPL1011WN	350mA	2,75	3,5	8V	1,5W	51 x 32 x 18	IP20	•
A40MPL1031WN	350mA	5,50	10,5*	12V	4,2W	51 x 32 x 18	IP20	•
A40MPL10500N	500mA	2,75	7	8V	4W	51 x 32 x 18	IP20	•
A40MPL10400N	700mA	2,75	3,5	10V	2,8W	51 x 32 x 18	IP20	•
A40MPI1011WN	350mA	2,75	3,5	8V	1,5W	85 x 82 x 22	IP66	
A40MPI1031WN	350mA	5,50	10,5*	12V	4,2W	85 x 82 x 22	IP66	
A40MPI1043WN	700mA	2,75	3,5	10V	2,8W	85 x 82 x 22	IP66	

*in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP 20 / 66
- Uscita in corrente costante 350÷700mA , +/-10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 220÷240V/AC- A richiesta 110÷240V/AC Uscita stabilizzata.

Driver for High Brightness LEDs

- Built-in driver - IP 20 / 66
- Output in steady current: 350÷700 mA ,+/-10%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: 220÷240V/AC - On request 110÷240V/AC Steady output.

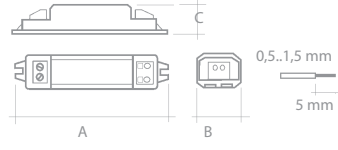
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SL Slim Power Evo

8,4 Watt | CV+CC | PF λ ≥ 0,6 | IP 20 | CE | EMC | AC/DC | M | M | F | 110 | SELV | 29mm

t_a -10°÷ +50°C





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40SL243500B	350mA	2,75	21*	14*	24V	8,4W	6W	114 x 22 x 19
A40SL125000B	500mA	2,75	16	12	16V	8,4W	6W	114 x 22 x 19
A40SL127000B	700mA	2,75	10,5*	7*	12V	8,4W	6W	114 x 22 x 19

*in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP20
- Uscita in corrente costante 350÷700 mA
- Uscita in tensione costante 12÷24V/DC
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Morsetti rapidi
- Alimentazione: 110÷240V/AC - Uscita stabilizzata.

Driver for High Brightness LEDs

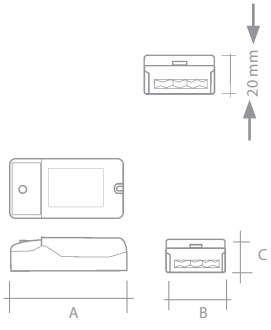
- To be built in - IP 20
- Output in steady current: 350÷700 mA
- Output in constant tension 12÷24V/DC
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Fast terminals
- Input voltage: 110÷240V/AC - Steady output.

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NICE Compact

8,4÷10,5 Watt | CV+CC | PF λ ≥ 0,6 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 47 mm | t_a -10°÷ +40°C | AC/DC





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40NICE1100B	350mA	2,75	30	22	35V	10,5W	8W	70 x 42 x 20
A40NICE2060B	500mA	2,75	21*	17,5*	24V	10,5W	8,75W	70 x 42 x 20
A40NICE3030B	700mA	2,75	10,5*	10,5*	12V	8,4W	8,4W	70 x 42 x 20

*in CC mode

Datasheet download

Alimentatore per LED di potenza
- Alimentatore indipendente - IP 20 - Classe II di isolamento
- Uscita in tensione e corrente costante ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC

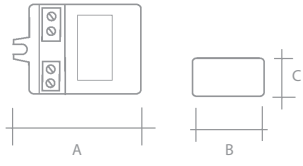
Driver for High Brightness LEDs
- Indipendent driver - IP 20 - Insulation class II
- Output in steady voltage and current ±5%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: 110÷240V/AC

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NIP

8,4÷12 Watt | CV+CC | PF λ ≥ 0,5 | IP 00 | CE | EMC | AC/DC | M | M | F | 110 | SELV | ta -10°÷ +45°C | 45 mm





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40NIP10900N	350mA	2,75	32	22	35V	11,3W	8,4W	60 x 40 x 20
A40NIP20600N	500mA	2,75	21*	17,5*	24V	12W	8,4W	60 x 40 x 20
A40NIP30300N	700mA	2,75	10,5*	10,5*	12V	8,4W	8,4W	60 x 40 x 20

*in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore resinato da incorporare - IP00
- Uscita in tensione e corrente costante ±10%
- Circuito protetto con resina resistente a sbalzi termici, umidità, condensa.
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC

Driver for High Brightness LEDs

- Potted driver to be built-in - IP00
- Output in steady voltage and current ±10%
- Potted Pcb resistant to thermal shocks, humidity and condensation
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: 110÷240V/AC

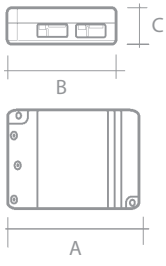
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POWERBOX Constant Current

35 Watt | CC | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 80 mm

t_a -10°÷ +40°C





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40PBOX3500B	3x350mA	3x5,5	3x31,5	3x20	3x36	35W	25W	147 x 74 x 29

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 3 x 350mA
- Tre uscite indipendenti - Collegamento in serie - Anodo comune
- Possibilità di collegare le uscite per aumentare la corrente erogata
- Alimentazione: 110÷240V/AC

Driver for High Brightness LEDs

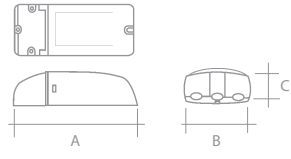
- For independent use - IP20 - Insulation class II
- Output in steady current: 3 x 350mA
- Three independent outputs - Connection in series - Common Anode
- Possible connection of the outputs to increase final erogated current
- Input voltage: 110÷240V/AC

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DPL Design Professional

11 Watt | CV | PF λ ≥ 0,6 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 58 mm | t_a -10°÷ +40°C | AC/DC





Part Number	Iout	Vout Led Min	Vout Led Max	Uout	W	Dimensions A x B x c
A40DPL110E0B	350mA	2,75	31,5	35V	11W	112 x 50 x 28

Datasheet download

Alimentatore per LED di potenza
- Alimentatore indipendente - IP 20 - Classe II di isolamento
- Uscita in corrente costante 350mA, +/- 10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Doppio morsetto in ingresso
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 220÷240V/AC (DPL110E) - Uscita stabilizzata

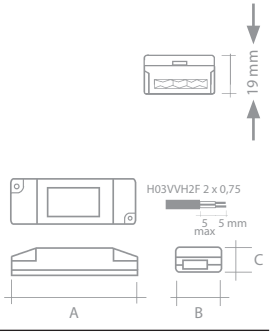
Driver for High Brightness LEDs
- Indipendent driver - IP 20 - Insulation class II
- Output in steady current: 350mA, +/- 10%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Double output.
- Cable clamp for flat and round cables
- Input voltage: 220÷240V/AC - Steady output.

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8÷14 Watt | CV+CC | PF λ ≥ 0,5 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 39 mm

t_a -10°÷ +40°C | AC/DC | EN 61347-2-13 05





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c	EN 61347-2-13 05
A40PLK18500B	185mA	2.75	43	43	45V	8W	8W	122 x 33 x 19	
A40PLK1131WB	240mA	2.75	43	35	45V	10W	8,4W	122 x 33 x 19	
A40PLK30000B	300mA	2.75	43	33	45V	13W	10W	122 x 33 x 19	
A40PLK1121WB	350mA	2.75	40	31	45V	14W	11W	122 x 33 x 19	•
A40PLK110Z0B	350mA	2.75	31	24	35V	11W	8,4W	122 x 33 x 19	
A40PLK20500B	500mA	2.75	23*	20*	24V	12W	10W	122 x 33 x 19	
A40PLK303Z0B	700mA	2.75	10,5*	10,5*	12V	8,4W	8,4W	122 x 33 x 19	
A40PLK3063WB	700mA	2.75	20*	14*	24V	14W	10W	122 x 33 x 19	•
A40PLK12000B	1080mA	-	-	-	12V	13W	10W	122 x 33 x 19	

* in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP 20 - Classe II di isolamento
- Uscita in corrente costante 185mA, 240mA, 300mA, 350mA, 500mA, 700mA
- Uscita a tensione costante 12÷24V/DC
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC - Uscita stabilizzata

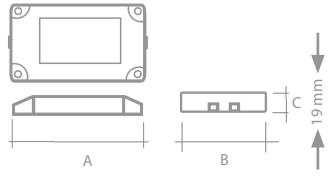
Driver for High Brightness LEDs

- Indipendent driver - IP20 - Insulation class II
- Output in constant current 185mA, 240mA, 300mA, 350mA, 500mA, 700mA
- Output in constant tension 12÷24V/DC
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: 110÷240V/AC - Steady output.

CPL Waterproof

12÷14 Watt | CV+CC | PF λ ≥ 0,6 | IP 44 | CE | EMC | M | M | F | 110 | SELV | 60 mm | t_a -10°÷ +40°C | AC/DC





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40CPL11200B	350mA	2,75	40	31	45V	14W	11W	124 x 56 x 19
A40CPL20600B	500mA	2,75	21*	18*	24V	12W	9W	124 x 56 x 19
A40CPL30600B	700mA	2,75	21*	14*	24V	14W	10W	124 x 56 x 19

*in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP44 - Classe II di isolamento
- Uscita in tensione e corrente costanti +/- 10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione : 110÷240V/AC- Uscita stabilizzata
- IP44 solo se fissaggio orizzontale e con 4 viti - Fornito senza cavi.

Driver for High Brightness LEDs

- Indipendent driver - IP44 - Insulation class II
- Output in steady voltage and current +/- 10%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC- Steady output.
- IP44 only by horizontal installation with 4 screws - Supplied without cables.

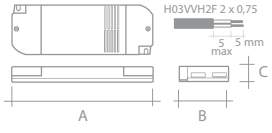
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14÷30 Watt | CV+CC | PF λ ≥ 0,85 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 50 mm

t_a -10°÷ +40°C | AC/DC







Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40FLAT112WB	350mA	2,75	40	31	45V	14W	11W	126 x 47 x 16,5
A40FLAT306WB	700mA	2,75	21*	14*	24V	14W	10W	126 x 47 x 16,5
A40FLAT1200B	1,2Amax	-	-	-	12V	14W	11W	126 x 47 x 16,5
A40FLAT3000B	1,25Amax	-	-	-	24V	30W	15W	126 x 47 x 16,5

* in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante: 350mA, 700mA, +/- 5%
- Uscita a tensione costante 12÷24V/DC
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Basso spessore
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Driver for High Brightness LEDs

- Indipendent driver - IP20 - Insulation class II
- Output in constant current: 350mA, 700mA, +/- 5%
- Output in constant tension 12÷24V/DC
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Reduced thickness
- Input voltage: 110÷240V/AC- Steady output.

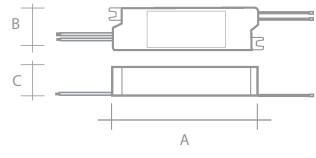
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PRL Low Profile

8-14,4 Watt | CV+CC | PF λ ≥ 0,5 | IP 65 | CE | EMC | AC/DC | M | M | F | 110 | SELV | 40 mm

ta -20°÷ +45°C | ENEC 05





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c	ENEC 05
A40PRL18500B	185mA	2,75	43	43	45V	8W	8W	110 x 33 x 21	
A40PRL30000B	300mA	2,75	43	33	45V	13W	10W	110 x 33 x 21	
A40PRL11200B	350mA	2,75	40	31	45V	14W	11W	110 x 33 x 21	.
A40PRL30600B	700mA	2,75	21*	14*	24V	14W	10W	110 x 33 x 21	.
A40PRL12000B	1200mA	-	-	-	12V	14,4W	10W	110 x 33 x 21	

* in CC mode

Datasheet download

Alimentatore per LED di potenza

- Alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in corrente costante 350÷700 mA, ±5%
- Uscita in tensione costante, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC - Uscita stabilizzata.

Driver for High Brightness LEDs

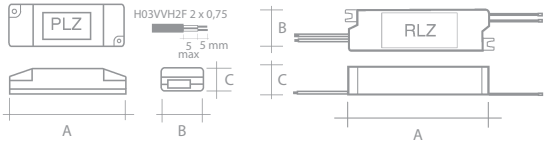
- To be built in - IP 65 - Insualtion class II
- Output in steady current: 350÷700 mA, ±5%
- Output in costant voltage, ±5%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: 110÷240V/AC - Steady output.

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PLZ & RLZ Mini COB

6,3÷15 Watt | CC | PF λ ≥ 0,6 | CE | EMC | M | M | F | 110 | SELV | IP 20 IP 65 | 40 mm | t_a -10°÷ +40°C | AC/DC





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c	IP
A40PLZ14000B	140mA	2,75	45	45	47V	6,3W	6,3W	110 x 33 x 21	IP20
A40PLZ35000B	350mA	2,75	40	31	47V	14W	11W	110 x 33 x 21	IP20
A40PLZ40000B	400mA	2,75	35	28	36V	14W	11W	110 x 33 x 21	IP20
A40PLZ50000B	500mA	2,75	22	17	24V	11W	8,4W	110 x 33 x 21	IP20
A40PLZ64000B	640mA	2,75	23	17	24V	15W	11W	110 x 33 x 21	IP20
A40RLZ14000B	140mA	2,75	45	45	47V	6,3W	6,3W	112 x 34 x 21	IP65
A40RLZ35000B	350mA	2,75	40	31	47V	14W	11W	112 x 34 x 21	IP65
A40RLZ40000B	400mA	2,75	35	28	36V	14W	11W	112 x 34 x 21	IP65
A40RLZ50000B	500mA	2,75	22	17	24V	11W	8,4W	112 x 34 x 21	IP65
A40RLZ64000B	640mA	2,75	23	17	24V	15W	11W	112 x 34 x 21	IP65

Datasheet download

Alimentatore per LED di potenza

- Specifici per Led Sharp serie Mini e Petite Zenigata
- Alimentatore indipendente - IP20 o IP65 - Classe II di isolamento
- Uscita in corrente costante 140mA... 640mA precisione 5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Driver for High Brightness LEDs

- Specific for Sharp Led Mini and Petite Zenigata series
- Indipendent driver - IP20 or IP65 - Insulation class II
- Output in constant current 140mA... 640mA, 5% tolerance
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC- Steady output.

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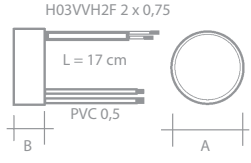
PLR & PLJ Round

8,4÷10,5 Watt | CV+CC | PF λ ≥ 0,5 | IP 20 IP 65 | CE | EMC | AC/DC | M | M | F | 110 | SELV | 58mm

t_a -10°÷ +40°C PLR | t_a -10°÷ +45°C PLJ | EN 61347-2-13 05







Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c	EN 61347-2-13 05
A40PLR1061WB	350mA	2,75	21*	21*	24V	8,4W	8,4W	54 x 19	.
A40PLR1101WB	350mA	2,75	30	24	35V	10,5W	8,4W	54 x 19	.
A40PLR2041WB	500mA	2,75	17	17	22V	8,4W	8,4W	54 x 19	
A40PLR3033WB	700mA	2,75	10,5*	10,5*	12V	8,4W	8,4W	54 x 19	.
A40PLJ1061WN	350mA	2,75	21*	21*	24V	8,4W	8,4W	54 x 20	.
A40PLJ1101WN	350mA	2,75	30	24	35V	10,5W	8,4W	54 x 20	.
A40PLJ2041WN	500mA	2,75	17	17	22V	8,4W	8,4W	54 x 20	
A40PLJ3033WN	700mA	2,75	10,5*	10,5*	12V	8,4W	8,4W	54 x 20	.

*in CC mode

Datasheet download

Convertitori per LED di potenza

- Alimentatore da incorporare - IP20 (PLR) / IP65 (PLJ) - Classe II di isolamento
- Uscita in corrente costante 350mA÷700mA , ± 10% o tensione costante 12÷24VDC
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Driver for High Brightness LEDs

- To be built in - IP20 (PLR) / IP65 (PLJ) - Insulation class II
- Output in steady current 350 mA÷700mA, ±10% or in constant tension 12÷24VDC
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC- Steady output.

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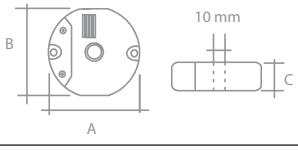
RC & RP Round

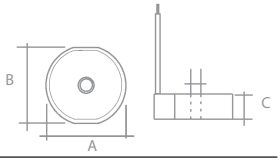
16÷23 Watt | CC | PF λ ≥ 0,85 | IP 20 IP 65 | CE | EMC | M | M | F | 110 | SELV | 80mm | AC/DC



t_a -10°÷ +40°C

t_a -20°÷ +45°C





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c	IP
A40RC312000B	350mA	8,25	46	34	48V	16W	12W	80 x 73 x 30	IP20
A40RC315000B	500mA	8,25	40	30	45V	20W	15W	80 x 73 x 30	IP20
A40RC309000B	700mA	8,25	31	24	36V	22W	17W	80 x 73 x 30	IP20
A40RP312000N	350mA	8,25	46	34	48V	16W	12W	80 x 73 x 30	IP65
A40RP315000N	500mA	8,25	40	30	45V	22W	15W	80 x 73 x 30	IP65
A40RP309000N	700mA	8,25	31	24	36V	23W	17W	80 x 73 x 30	IP65

Datasheet download

Alimentatore per LED di potenza

- Serie RC: alimentatore indipendente - IP20 - Classe II di isolamento
  Serie RP: alimentatore da incorporare - IP65 - Classe II di isolamento
- Uscita in corrente costante 350÷700mA, ±10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Driver for High Brightness LEDs

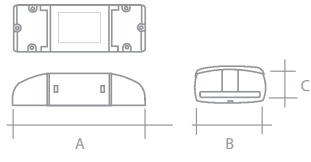
- Range RC: For independent use - IP20 - Insulation class II
  Range RP: To be built in - IP65 - Insulation class II
- Output in steady current: 350÷700mA, ±10%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Input voltage: 110÷240V/AC- Steady output.

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PD Professional Design

15÷21 Watt | CC | PF λ ≥ 0,85 | IP20 | CE | EMC | M | M | F | 110 | SELV | 45 mm | t_a -10°÷ +40°C | AC/DC





Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40PD312000B	350mA	8,25	43	31	48V	15W	11W	138 x 40 x 28,5
A40PD309000B	700mA	5,50	30	23	36V	21W	16W	138 x 40 x 28,5

Datasheet download

Alimentatore per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 350/700mA, ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Morsetti rapidi
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Driver for High Brightness LEDs

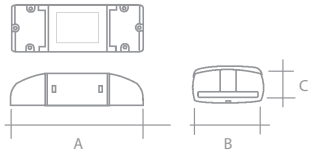
- Indipendent driver - IP20 - Insulation class II
- Output in steady current: 350/700mA, ±5%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Fast terminals
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC- Steady output.

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PDMC Professional Multicurrent

11÷21 Watt | CC | PF λ ≥ 0,85 | IP 20 | CE | EMC | M | M | F | 110 | SELV | 45 mm | t_a -10°÷ +40°C | AC/DC

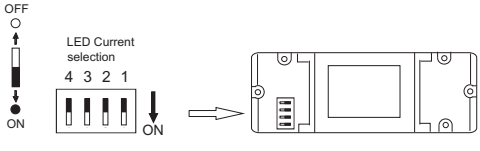




Part Number	Iout	Vout Led Min	Vout Led Max	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40PDMC0000B	250÷700mA	6V/15V*	44V	44V	48V	21W	15W	138 x 40 x 28,5

* Non interrompere sul secondario - Do not interrupt secondary side

Po Max at 100-120VAC	Po Max at 200-250VAC	Io	1	2	3	4
11W	11W	250mA	○	○	○	○
15W	15W	350mA	○	○	○	●
15W	17W	400mA	●	○	○	○
15W	19W	450mA	○	●	○	●
15W	21W	500mA	●	●	○	○
15W	21W	550mA	○	●	●	●
15W	21W	600mA	●	●	●	○
15W	21W	700mA	●	●	●	●
Before use, always check dipswitch settings						



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Alimentatore multicorrente per LED di potenza

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 250÷700mA, ±5%, programmabile con DIP-SWITCH (vedi schema)
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione : 110÷240V/AC- Uscita stabilizzata

Multicurrent driver for High Brightness LEDs

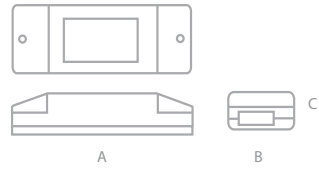
- Indipendent driver - IP20 - Insulation class II
- Output in steady current: 250÷700mA, ±5%, settable by DIP-Switches (see scheme)
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits
- Cable clamp for flat and round cables
- Input voltage: 110÷240V/AC- Steady output.

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MCS - Multicurrent

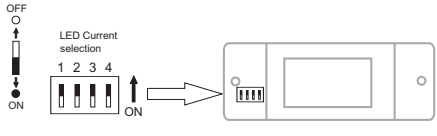
10÷30 Watt | CC | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | SELV | 48 mm | t_a -10°÷ +40°C





Part Number	Iout	Vout Led Min	Vout Led Max	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c
A40MCS03000B	250÷1000mA	3V	42V			30W	21W	165 x 41 x 27,5

Po Max at 100-120VAC	Po Max at 200-240VAC	Io	1 2 3 4
10W	10W	250mA	○ ○ ○ ○
15W	15W	350mA	○ ○ ○ ●
19W	19W	450mA	○ ● ○ ○
21W	21W	500mA	○ ○ ● ○
21W	23W	550mA	○ ● ○ ●
21W	25W	600mA	○ ○ ● ●
21W	27W	650mA	● ● ○ ○
21W	29W	700mA	○ ● ● ○
21W	30W	750mA	● ● ○ ●
21W	30W	800mA	○ ● ● ●
21W	30W	900mA	● ● ● ○
21W	30W	1000mA	● ● ● ●
Before use, always check dipswitch settings			



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Alimentatore LED multicorrente

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 250÷1000mA, ±5% programmabile con DIP-switches (vedi schema)
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110V ÷ 240V/AC - Uscita stabilizzata

Multicurrent LED Driver

- Driver for independent mounting - IP20 - Insulation class II
- Output in steady current: 250÷1000 mA, ± 5% settable by DIP-Switches (see scheme)
- Self-resetting protection against overtemperatures, open circuit and against output short circuits
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 110V ÷ 240V/AC - Steady output

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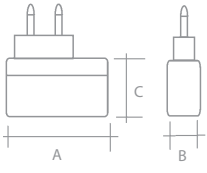
PLP Plug Driver

8,4÷15 Watt | CV+CC | PF λ ≥ 0,6 | IP 40 | CE | EMC | M | M | F | SELV

t_a -10°÷ +40°C







Part Number	Iout	Vout Led Min	Vout Led Max@230V	Vout Led max @110V	Uout	W @230V	W @110V	Dimensions A x B x c	Housing
A40PLP10600N	350mA	2,75	21*	21*	24V	8,4W	8,4W	68 x 40 x 23	Black
A40PLP10600T	350mA	2,75	21*	21*	24V	8,4W	8,4W	68 x 40 x 23	Transparent
A40PLP10500N	500mA	2,75	21*	18*	24V	12W	9W	68 x 40 x 23	Black
A40PLP10500T	500mA	2,75	21*	18*	24V	12W	9W	68 x 40 x 23	Transparent
A40PLP30300N	700mA	2,75	10,5*	10,5*	12V	8,4W	8,4W	68 x 40 x 23	Black
A40PLP30300T	700mA	2,75	10,5*	10,5*	12V	8,4W	8,4W	68 x 40 x 23	Transparent
A40PLP30600N	700mA	2,75	21*	12*	24V	14W	9W	68 x 40 x 23	Black
A40PLP30600T	700mA	2,75	21*	12*	24V	14W	9W	68 x 40 x 23	Transparent
A40PLP11200N	350mA	2,75	42	26	45V	15W	9W	68 x 40 x 23	Black
A40PLP11200T	350mA	2,75	42	26	45V	15W	9W	68 x 40 x 23	Transparent
A40PLP12000N	1166mA max	-	-	-	12V	14W	9W	68 x 40 x 23	Black
A40PLP12000T	1166mA max	-	-	-	12V	14W	9W	68 x 40 x 23	Transparent

*in CC mode

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Alimentatore per LED di potenza

- Alimentatore indipendente - IP40 - Classe II di isolamento
- Uscita in corrente costante 350÷700 mA, ±10% o tensione costante 12÷24V/DC
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.
- Alimentazione: 110÷240V/AC - Uscita stabilizzata.
- Cavo standard 2x0,75mm^2: 100cm+50cm

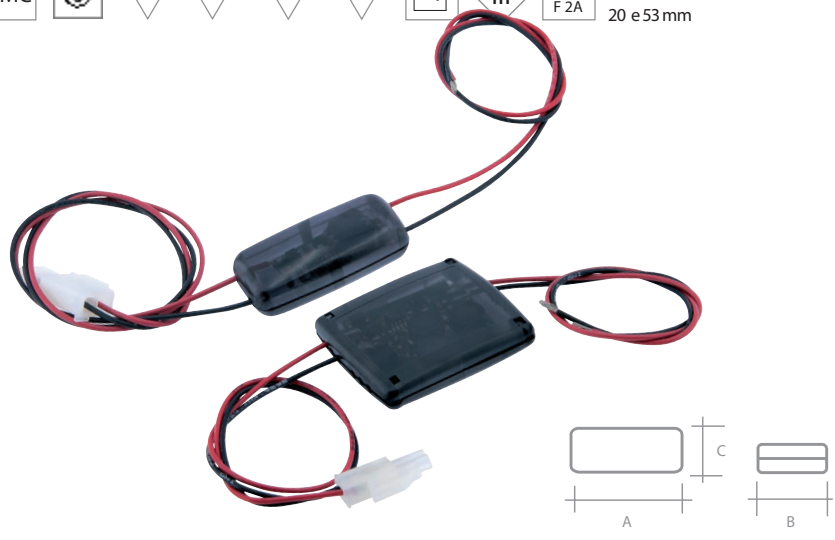
Driver for High Brightness LEDs

- Indipendent driver - IP 40 - Insulation class II
- Output in steady current: 350÷700 mA, ±10% or in constant tension 12÷24V/DC
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: 110÷240V/AC - Steady output.
- Standard cable 2x0,75mm^2: 100cm+50cm

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LV... Voltage/Current Converter





Part Number	Vout Led Min	Vout Led Max	Output Imax	Output V	Dimensions A x B x c
A40LVX00000N	2,75	10,5/21*	350mA	Vin-1,5V	40 x 18 x 12
A40LVZ00000N	2,75	10,5/21*	500mA	Vin-1,5V	40 x 18 x 12
A40LVY00000N	2,75	10,5/21*	700mA	Vin-1,5V	40 x 18 x 12
A40LVJ00000N	2,75	10,5/21*	1000mA	Vin-1,5V	40 x 18 x 12
A40LVT00000N	2,75	17,5	1100mA	Vin-2V	50 x 48 x 11
A40LVK00000N	2,75	17,5	1400mA	Vin-2V	50 x 48 x 11
A40LVS00000N	2,75	7	2500mA	Vin-2V	50 x 48 x 11

* Input 11-15V max 3 Led - Input 22-24V max 6 Led

Datasheet download

Convertitore per LED di potenza

- Alimentatore da incorporare - IP 20
- Per alimentare moduli LED di potenza da alimentatori a tensione costante 12÷24V.
- Uscita in corrente costante 350÷2500 mA, ±10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Ingresso: tensione costante - Uscita: corrente costante

Converter for High Brightness LEDs

- Built-in converter - IP 20
- Suitable for supplying High Brightness Led applications working in 12÷24V costant voltage
- Output in steady current: 350÷2500 mA, ±10%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input: costant voltage - Output: costant current.

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LVB Voltage/Current Converter for COB







Part Number	Input Vin	Output Imax	Output Vout	Dimensions A x B x c
A40LVB25000N	24V	250mA	37..40V	50 x 48 x 11
A40LVB35000N	24V	350mA	37..40V	50 x 48 x 11
A40LVB50000N	24V	500mA	37..40V	50 x 48 x 11
A40LVB70000N	24V	700mA	37..40V	50 x 48 x 11

Datasheet download

Convertitore per LED COB

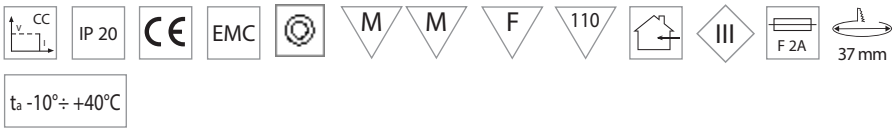
- Convertitore da incorporare - IP 20
- Per alimentare moduli LED COB
- Ingresso: tensione costante 24V
- Uscita in corrente costante 250÷700 mA - Tensione d'uscita 37..40V
- Dimmerabile PWM
- Protezione contro il circuito aperto ed i corto-circuiti
- Fornito con connettori mini amp M/F

Converters for COB LEDs

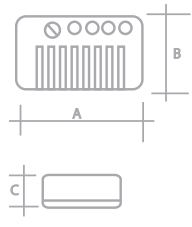
- Built-in converter - IP 20
- Suitable for driving COB LEDs
- Input: costant voltage 24V
- Output in steady current: 250÷700 mA - Output Voltage 37..40V
- Dimmable PWM
- Protection against open circuit and short circuits.
- Supplied with M/F mini amp connectors

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LV... Low Voltage Driver







Part Number	No Led Min	No Led Max	Output Imax	Output V	Dimensions A x B x c
A40LVP00000N	1	3/6*	350mA	Vin-1,5V	51 x 32 x 18
A40LVL00000N	1	3/6*	500mA	Vin-1,5V	51 x 32 x 18
A40LVQ00000N	1	3/6*	700mA	Vin-1,5V	51 x 32 x 18

* Input 11-15V max 3 Led - Input 22-24V max 6 Led

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Convertitore per LED di potenza

- Convertitore da incorporare - IP 20
- Uscita in corrente costante 350÷700 mA, +/- 10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario
- Alimentazione: DC 12÷24V, AC 12V 50Hz - Uscita stabilizzata

Converter for High Brightness LEDs

- Built-in converter - IP 20
- Output in steady current: 350÷700 mA, +/- 10%
- Self-resetting protection against overtemperatures, open circuit and output short circuits.
- Input voltage: DC 12÷24V, AC 12V 50Hz - Steady output.

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Emerled 24V

60 Watt | CV | PF λ ≥ 0,60 | IP 20 | CE | EMC | M | M | F | 110 | 49 mm

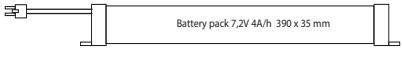
AC/DC | II | t_a -10°÷ +50°C



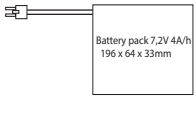


Part Number	Output V	Output W	Charge current Battery	Dimensions A x B x c
A40EMLED240B	24V	42% load power	200mA 7,2V 4A/h NiCd	218 x 40 x 28,5
A40EMLEDBA40	Battery Pack	-	200mA 7,2V 4A/h NiCd	390 x Ø35
A40EMLEDBA4Q	Battery Pack	-	200mA 7,2V 4A/h NiCd	196 x 64 x 33

A40EMLEDBA40



A40EMLEDBA4Q



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Gruppo di emergenza a Led 24V

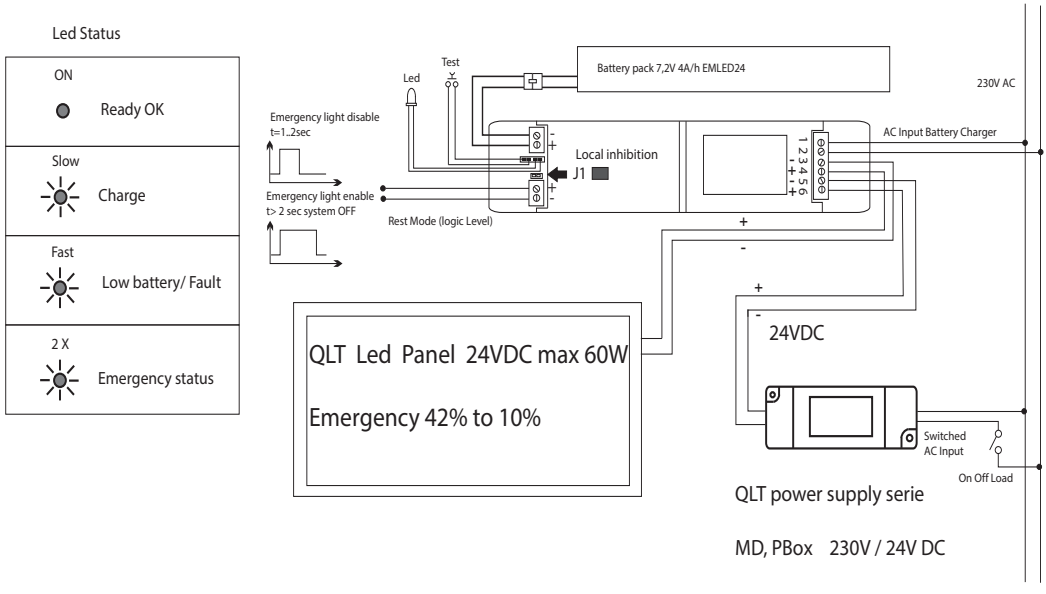
- Alimentatore indipendente - IP20 - Classe II d'isolamento
- Uscita in tensione costante 24VDC
- Alimenta pannelli LED e strisce flessibili a LED
- Ingresso per inibizione remota, pulsante di prova e Led di segnalazione multifunzione
- Ingresso per Batteria 7,2V 4A/h, autonomia 3h@60W. Flusso luminoso in emergenza dal 42 al 10%
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 190÷250V/AC

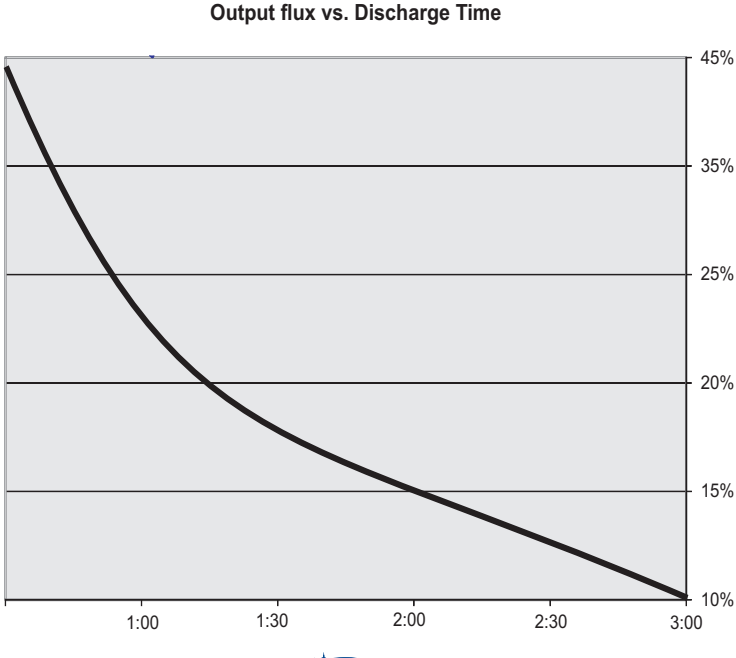
Emergency Kit for Led 24V

- Independent driver - IP20 - Class II isolation
- Constant voltage output 24VDC
- Controlling LED panels and flexible led strips
- Remote inhibition input, test push button and multifunction LED
- Battery input 7,2V 4A/h, autonomy 3h@60W. Luminous flux in emergency mode from 42 to 10%
- Cable clamp for flat and round cables
- Input voltage: 190÷250V/AC

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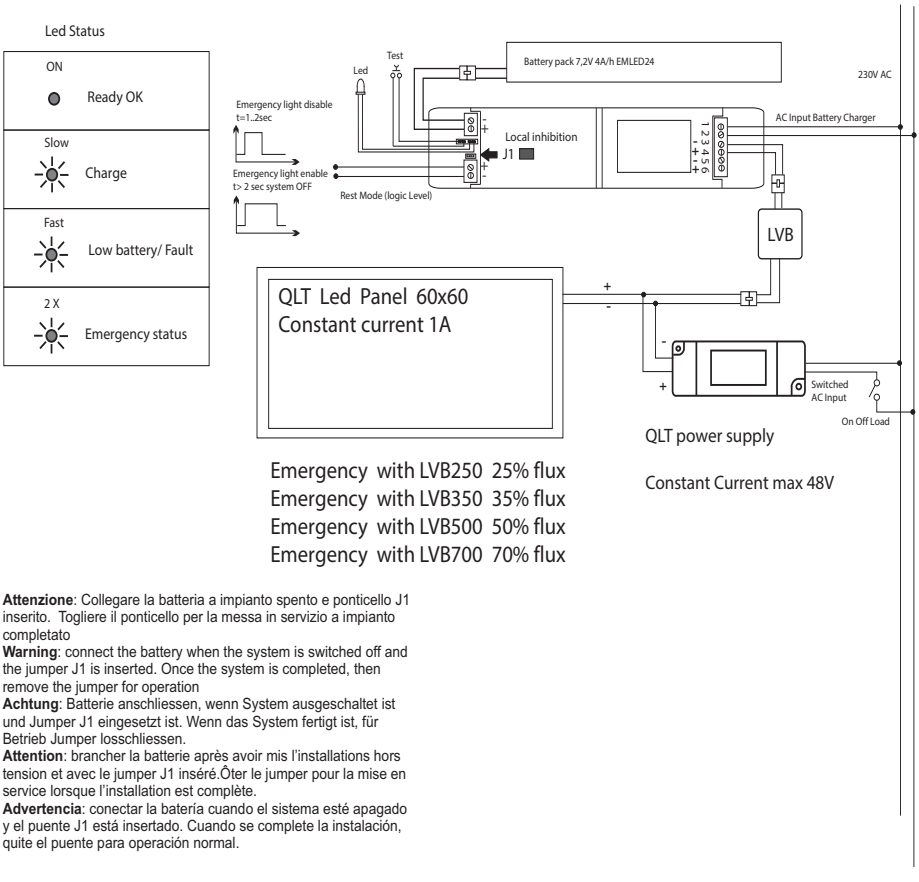
Emerled 24 Schemi





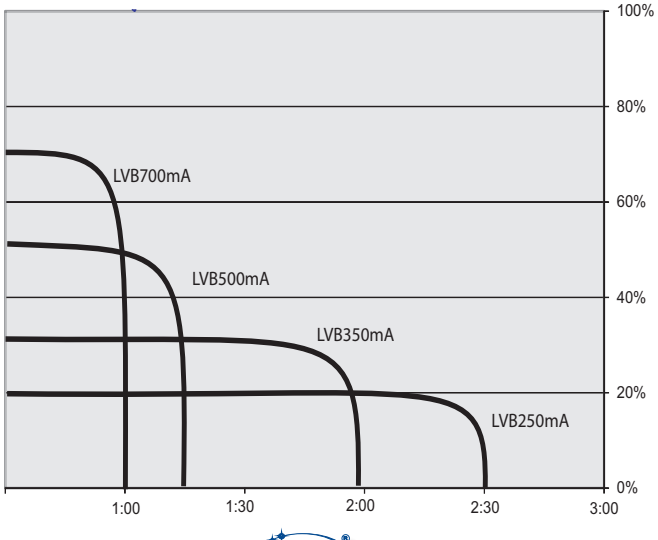
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Emerled 24 / CC mode- Schemi

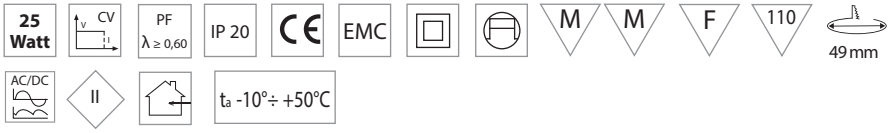


Attenzione: Collegare la batteria a impianto spento e ponticello J1 inserito. Togliere il ponticello per la messa in servizio a impianto completato
Warning: connect the battery when the system is switched off and the jumper J1 is inserted. Once the system is completed, then remove the jumper for operation
Achtung: Batterie anschliessen, wenn System ausgeschaltet ist und Jumper J1 eingesetzt ist. Wenn das System fertigt ist, für Betrieb Jumper losschliessen.
Attention: brancher la batterie après avoir mis l'installations hors tension et avec le jumper J1 inséré.Ôter le jumper pour la mise en service lorsque l'installation est complète.
Advertencia: conectar la batería cuando el sistema esté apagado y el puente J1 está insertado. Cuando se complete la instalación, quite el puente para operación normal.

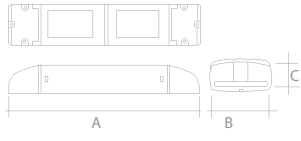
Output flux vs. Discharge Time Led panel 60x60 1A 40W



Emerled 230V

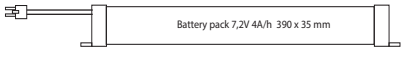




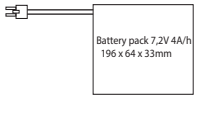


Part Number	Output V	Output W	Charge current Battery	Dimensions A x B x c
A40EMLED400B	200÷310DC	25W/20W	200mA 7,2V 4A/h NiCd	218 x 40 x 28,5
A40EMLED160B	200÷310DC	25W/20W	400mA 7,2V 4+4A/h NiCd	218 x 40 x 28,5
A40EMLEDBA40	Battery Pack	-	200mA 7,2V 4A/h NiCd	390 x Ø35
A40EMLEDBA4Q	Battery Pack	-	200mA 7,2V 4A/h NiCd	196 x 64 x 33

A40EMLEDBA40



A40EMLEDBA4Q



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Gruppo di emergenza per Led

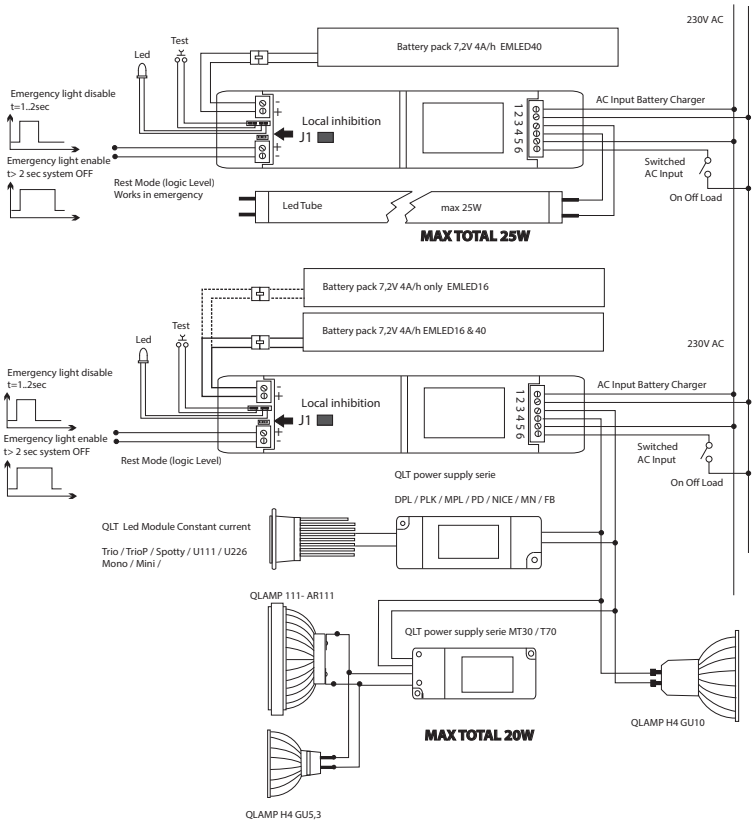
- Alimentatore indipendente - IP20 - Classe II d'isolamento
- Uscita in tensione costante 200÷310VDC
- Carico massimo 25W per tubi e lampadine GU10.
  Carico massimo 20W per sistemi a LED con alimentatore
- Ingresso per inibizione remota, pulsante di prova e Led di segnalazione multifunzione
- Ingresso per Batteria 7,2V 4A/h, autonomia 1h@25W o 2h@10W
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 190÷250V/AC

Emergency Kit for Led

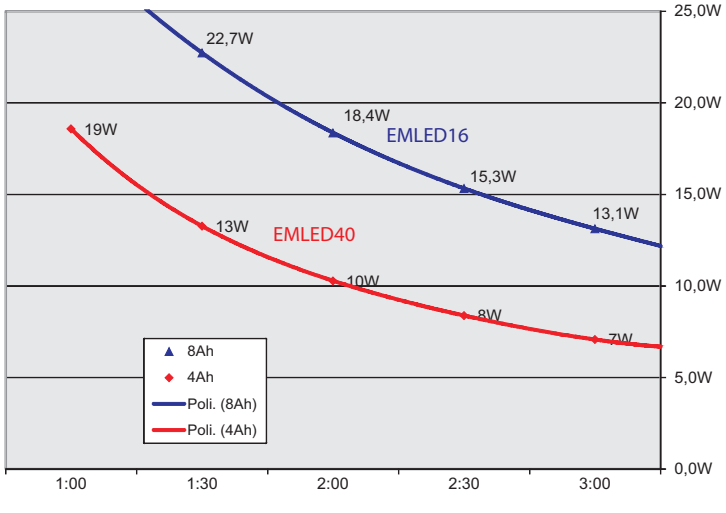
- Independent driver - IP20 - Insulation class II
- Constant voltage output 200÷310VDC
- Max load of 25W for led tubes and GU10 led bulbs.
  Max load of 20W for LED systems with power supply
- Remote inhibition input, test push button and multifunction LED
- Battery input 7,2V 4A/h, autonomy 1h@25W or 2h@10W
- Cable clamp for flat and round cables
- Input voltage: 190÷250V/AC - Steady output.

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Emerled 230V - Schemi



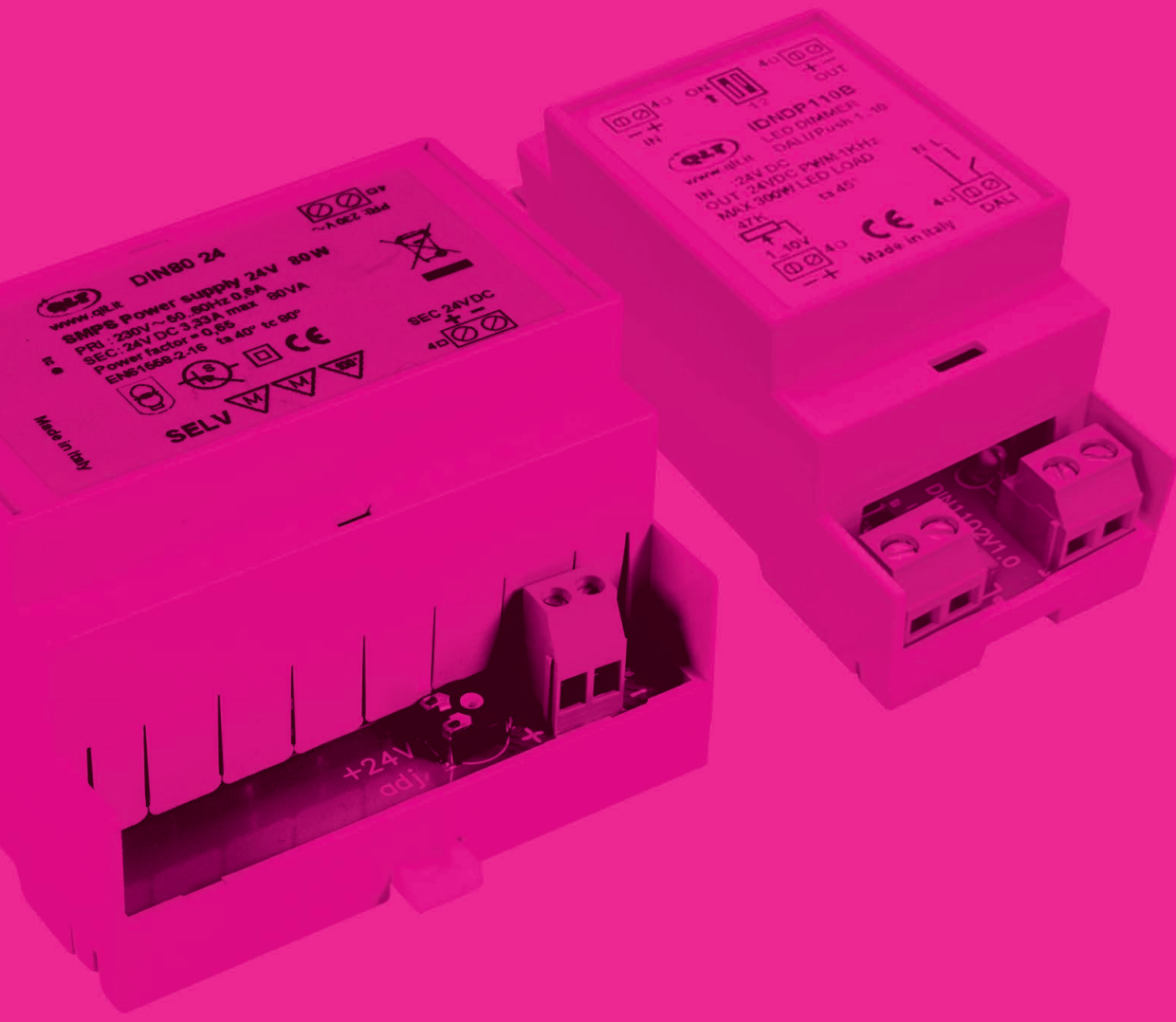
Output Power vs. Discharge Time



Notes

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DIN RAIL systems

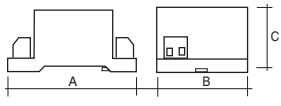


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DIN RAIL power supply

80/160 Watt | CV | PF λ ≥ 0,65 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +40°C | DIN 35mm





Part Number	Output V	Ouput Imax	W	Dimensions A x B x c
A40DIN080240	24V	3,33A	80W	90 x 88 x 61
A40DIN160240	24V	6,66A	160W	90 x 157 x 61

Datasheet download

Driver a commutazione SMPS (DIN RAIL)
- Alimentatore per guida DIN da quadro - IP20 - Classe II
- Uscita a tensione costante 24VDC ±5%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto e i corto-circuiti sul secondario.
- Alimentazione: 220÷240V/AC ± 10% - Uscita stabilizzata

SMPS switched electronic driver (DIN RAIL)
- DIN RAIL power supply - IP20 - Insulation class II
- Output in steady voltage 24VDC, ± 5%
- Self-resetting protection against overtemperatures, against open cuircuit and output short circuits
- Input voltage: 220÷240V/AC ± 10% - Steady output.

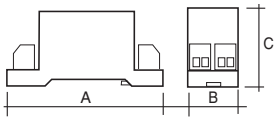
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DIN RAIL Interface

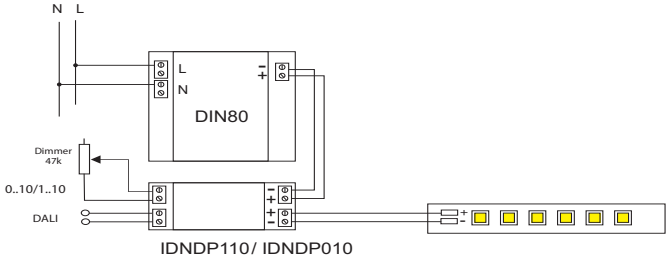
200 Watt | CV | Dimmable | Dimmable 0/1..10 | DALI Dimmable | PF λ ≥ 0,96 | IP 20 | CE | EMC | SELV | M | M | F | 110

t_a -10°÷ +40°C | DIN 35mm

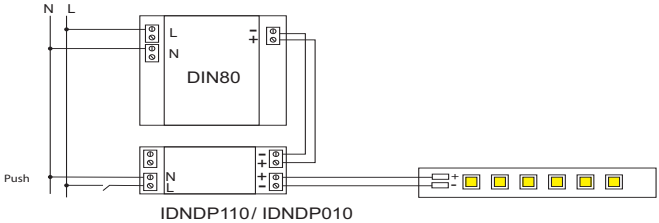




Part Number	input V	Ouput Imax	Ouput Vmax	W	Dimensions A x B x C	Protocol
A40IDNDP0100	24V	8,33A	Vin -0,5V	200W	90 x 36 x 61	DALI / PUSH / 0-10V
A40IDNDP0100	24V	8,33A	Vin -0,5V	200W	90 x 36 x 61	DALI / PUSH / 1-10V



IDNDP110/ IDNDP010



IDNDP110/ IDNDP010

Datasheet download

Interfaccia DALI/PUSH + 0-10V o 1-10V per sistemi DIN RAIL

- Comando DALI/pulsante + 0-10V o 1-10V
- Alimentazione 24V/DC
- Uscita PWM 1kHz

DALI/PUSH + 0-10V o 1-10V interface for DIN systems

- Dimming control by DALI/PUSH + 0-10V o 1-10V signal
- Input 24V/DC
- PWM 1kHz output

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Notes

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Smart Light Control



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Zigbee / Bluetooth

Protocollo Zigbee
Zigbee è un protocollo standard utilizzato in alternativa a Wi-Fi e Bluetooth per collegare in una rete senza fili dispositivi intelligenti per la domotica come lampadine, prese, interruttori, serrature, sensori e comandi.
Amazon Echo, Philips Hue, IKEA Tradfri , Homey e altri fabbricanti utilizzano questo protocollo per comunicare e comandare dispositivi Qualitron serie ZB direttamente o tramite HUB dedicato.

Caratteristiche del sistema Zigbee:
Tecnologia senza fili via radio per una casa intelligente
Funziona sulla frequenza di 2,4GHz
Protocollo standardizzato, in modo che dispositivi di produttori diversi possano collegarsi nello stesso impianto
Rete mesh: ogni dispositivo riceve e ritrasmette i comandi in modo da estendere la portata del segnale
Crittografia AES sicura a 128 bit
Basso consumo energetico in confronto a dispositivi WI-FI
Portata: 10-20 metri all'interno, 50-100m all'esterno
Connessione IP per il controllo di smartphone / tablet quando si collega un hub Zigbee

Zigbee è un protocollo di comunicazione standard senza fili che permetta a dispositivi di produttori diversi di comunicare tra loro.
La rete è composta da un Hub, ad esempio Alexa o Philips Hue, che coordina e gestisce tutti i dispositivi periferici che comunicano tra loro tramite comandi interattivi via radio. La rete Zigbee funziona senza collegamento ad Internet, anche se alcuni Hub permettono di implementare funzionalità aggiuntive quando connessi al web (es. comandi vocali).

Una rete Zigbee può essere composta da diverse tipologie di dispositivi, quali lampade, termostati, serrature, prese elettriche, telecamere e similari, permettendo di rendere la casa intelligente (Smart Home).
In una rete Zigbee si possono controllare tutti i dispositivi ZB Qualitron e di altri fabbricanti sia con comandi vocali, esempio Alexa, sia con APP dedicate o con software più evoluti di controllo remoto (Cloud).

Zigbee è uno standard promosso dalla Zigbee Alliance e basato sulla specifica IEEE 802.15.4
Un router Zigbee è facile da configurare e installare e si trova a basso prezzo sul mercato.

I dispositivi ZB Qualitron possono essere anche configurati e comandati da dispositivi mobili Android ed IOS, grazie ad un'APP dedicata ed alla connessione diretta Bluetooth con i prodotti. Ciò permette di creare la rete Zigbee esclusivamente tramite APP eliminando la necessità di avere un Hub come Alexa e similari. La rete sarà poi utilizzabile anche senza APP attiva, ad esempio utilizzando sensori e pulsanti.

I dispositivi ZB Qualitron dispongono, oltre all'interfaccia wireless, anche di un pratico ingresso a pulsante che ne permette il comando senza connessioni radio attive, in emergenza o semplicemente come back up. In tal modo un impianto con pulsante può essere composto da più dispositivi sincronizzati tra loro. Un impianto a pulsante può anche fare parte di un sistema Zigbee, permettendo quindi sia il controllo radio che quello manuale.

I dispositivi ZB Qualitron sono inoltre compatibili con altre APP di terze parti presenti sul mercato, che utilizzano le tecnologie Bluetooth e Zigbee e permettono di integrare i componenti QLT con quelli di altri fabbricanti.

Bluetooth
Sistema di comunicazione senza fili tra due dispositivi attraverso un protocollo di comunicazione ad alta velocità sulle frequenze di 2,4GHz . Normalmente la portata è limitata a circa 10m e permette al Vs telefono o Ipad di connettersi con i dispositivi nelle vicinanze allo scopo di controllare un dispositivo remoto o trasferire dei dati.
Esistono varie versioni del protocollo , alcune tra le più recenti (versioni dalla 5 in poi) hanno prestazioni di velocità più elevata e permettono di trametterе il segnale tra vari dispositivi che rientrano nella portata uno dell'altro.
Il collegamento tra dispositivi richiede una procedura di accoppiamento facile e intuitiva con Tablet o Smartphone.
I dispositivi QLT BLE sono a basso consumo di energia (Bluetooth Low Energy)

Echo 4th Generation
Echo Plus
Echo Show 10 (all models except 1st Generation)
Echo Studio

COMPATIBILITA' CON:



I prodotti proposti da QLT in combinazione con i protocolli di comunicazione e sistemi evidenziati permettono soluzioni di controllo standardizzate e compatibilità di componenti con altri fabbricanti I loghi evidenziati non hanno alcun legame con QLT.

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Zigbee protocol

ZigBee is a standard protocol used as an alternative to Wi-Fi and Bluetooth to connect intelligent home automation devices such as light bulbs, sockets, switches, locks, sensors and controls in a wireless network.
Amazon Echo, Philips Hue, IKEA Tradfri, Homey and other manufacturers use this protocol to communicate and control Qualitron ZB series devices directly or via a dedicated HUB.

Features of the Zigbee system:
Wireless technology via radio for a smart home
It works on the 2.4GHz frequency
Standardized protocol, so that devices from different manufacturers can connect in the same system
MESH network: each device receives and retransmits commands in order to extend the signal range
Secure 128-bit AES encryption
Low power consumption compared to WI-FI devices
Range: 10-20 meters indoors, 50-100m outdoors
IP connection for controlling smartphones/tablets when connecting a Zigbee hub.

Zigbee is a standard wireless communication protocol that allows devices from different manufacturers to communicate with each other. The network is made up of a Hub, for example Alexa or Philips Hue, which coordinates and manages all the peripheral devices that communicate with each other via interactive commands via radio. The Zigbee network works without connection to the Internet, even if some Hubs allow you to implement additional functions when connected to the web (e.g. voice commands).

A Zigbee network can be made up of different types of devices, such as lamps, thermostats, locks, electrical sockets, cameras and similar, allowing you to make your home intelligent (Smart Home).
In a Zigbee network it is possible to control all ZB Qualitron devices and those from other manufacturers, both with voice commands, for example Alexa, and with dedicated APPs or with more advanced remote control software (Cloud).

ZigBee is a standard promoted by the Zigbee Alliance and based on the IEEE 802.15.4 specification
A ZigBee router is easy to set up and install and it is available on the market at a low price.

ZB Qualitron devices can also be configured and controlled from Android and IOS mobile devices, thanks to a dedicated APP and direct Bluetooth connection with the products. This allows you to create the Zigbee network exclusively via APP, eliminating the need to have a hub like Alexa and similar.
The network will then be usable even without an active APP, for example using sensors and push-buttons.

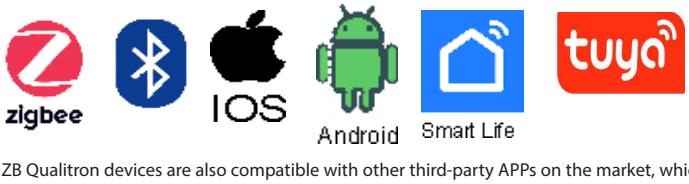
The ZB Qualitron devices have, in addition to the wireless interface, also a practical push-button input that allows them to be controlled without active radio connections, in emergency or simply as a back up.
In this way a push-button system can be composed of several devices synchronized with each other.
A push-button system can also be part of a ZigBee system, thus allowing both radio control than the manual one.

ZB Qualitron devices are also compatible with other third-party APPs on the market, which use Bluetooth and Zigbee technologies and allow QLT components to be integrated with those of other manufacturers.

Bluetooth
Wireless communication system between two devices through a high-speed communication protocol on 2.4GHz frequencies. Normally the range is limited to around 10m and allows your phone or iPad to connect with nearby devices for the purpose of controlling a remote device or transferring data.
There are various versions of the protocol, some of the most recent (versions from 5 onwards) have higher speed performance and allow the signal to be transmitted between various devices that are within range of each other.
The connection between devices requires an easy and intuitive pairing procedure with Tablet or Smartphone.
QLT BLE devices are low energy consumption (Bluetooth Low Energy)

Echo 4th Generation
Echo Plus
Echo Show 10 (all models except 1st Generation)
Echo Studio

COMPATIBILITY WITH:



ZB Qualitron devices are also compatible with other third-party APPs on the market, which use Bluetooth and Zigbee technologies and allow QLT components to be integrated with those of other manufacturers.

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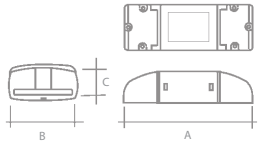
ZMC13 Multicurrent Zigbee/BLE/Push

13 Watt | CC | PF λ ≥ 0,60 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +40°C

45 mm | Dimmable

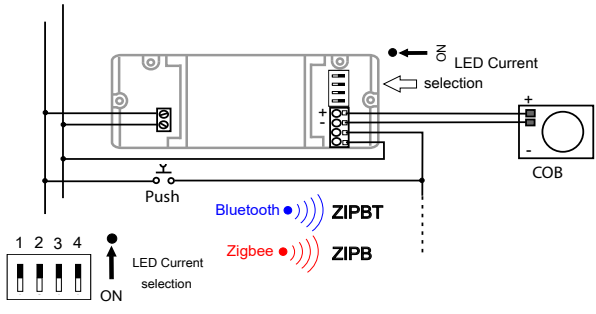
ZigBee 3.0 | BlueTooth | Voice Control | tuya





Part Number	Control	Iout	Vout Led Min	Vout Led Max	Uout	W @230V	W @110V	Dimensions A x B x c
A40ZMC01300B	Zigbee/BLE/PUSH	100÷700mA	5V	45V	46V	13W	9W	138 x 40 x 28,5
A40ZMC013T0B	BLE / mdulo TUYA	100÷700mA	5V	45V	46V	13W	9W	138 x 40 x 28,5

Io	1 2 3 4	230V	110V	V load
100mA	○ ○ ○ ○	3,9W	3,9W	9..39V
150mA	● ○ ○ ○	5,8W	5,8W	9..39V
200mA	○ ● ○ ○	7,8W	7,8W	9..39V
250mA	● ● ○ ○	9,8W	9W	9..39V
300mA	● ○ ● ○	11,7W	9W	9..39V
350mA	○ ● ● ○	13W	9W	9..37V
400mA	● ● ● ○	13W	9W	9..32V
450mA	● ○ ○ ●	13W	9W	4..29V
500mA	○ ● ○ ●	13W	9W	4..26V
550mA	● ● ○ ●	13W	9W	4..24V
600mA	● ○ ● ●	13W	9W	4..22V
650mA	○ ● ● ●	13W	9W	4..20V
700mA	● ● ● ●	13W	9W	4..18V



Datasheet download

Instruction download

Alimentatore LED Wireless Zigbee+BLE +Push

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 100÷700mA, ±5% programmabile con DIP-switches (vedi schema)
- Comando Zigbee 3.0 + Bluetooth Low Energy
- Disponibile APP Android, IOS
- Comando a pulsante lato primario con possibilità di impianti multipli sincronizzati

Wireless Led driver Zigbee+BLE + Push

- For independent mounting – IP20 – Insulation class II
- Output in steady current 100÷700mA, ±5% - DIP-switch setting (see diagram)
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- Push control on the primary side with possible multiple connection by synchro.

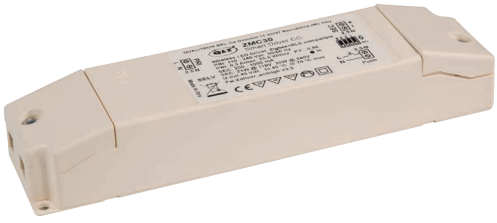
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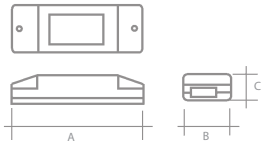
ZMC30 Multicurrent Zigbee/BLE/Push

30 Watt | CC | PF λ ≥ 0,95 | IP 20 | CE | EMC | M | M | F | 110 | SELV | ta -10°÷ +40°C

50 mm | Dimmable

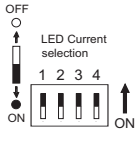
ZigBee 3.0 | BlueTooth | Voice Control

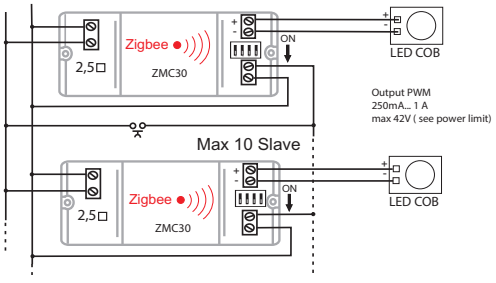




Part Number	Iout	Vout Led Min	Vout Led Max	Uout	W @230V	W @110V	Dimensions A x B x c
A40ZMC03000B	250÷1000mA	3V	42V	46V	30W	21W	165x 41 x 27,5

Po Max at 100-120VAC	Po Max at 200-240VAC	Io	1	2	3	4
10W	10W	250mA	○	○	○	○
15W	15W	350mA	○	○	○	●
19W	19W	450mA	○	●	○	○
21W	21W	500mA	○	○	●	○
21W	23W	550mA	○	●	○	●
21W	25W	600mA	○	○	●	●
21W	27W	650mA	●	●	○	○
21W	29W	700mA	○	●	●	○
21W	30W	750mA	●	●	○	●
21W	30W	800mA	○	●	●	●
21W	30W	900mA	●	●	●	○
21W	30W	1000mA	●	●	●	●
Before use,always check dipswitch settings						





Datasheet download

Instruction download

Alimentatore LED Wireless Zigbee+BLE +Push

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in corrente costante 250÷1000mA, ±5% programmabile con DIP-switches (vedi schema)
- Comando Zigbee 3.0 + Bluetooth Low Energy
- Disponibile APP Android, IOS
- Comando a pulsante lato primario con possibilità di impianti multipli sincronizzati

Wireless Led driver Zigbee+BLE + Push

- For independent mounting – IP20 – Insulation class II
- Output in steady current 250÷1000mA, ±5% - DIP-switch setting (see diagram)
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- Push control on the primary side with possible multiple connection by synchro.

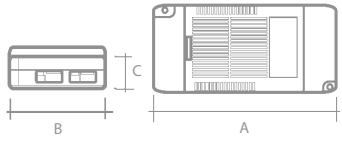
ZBX Power Box Zigbee/BLE/Push

100-150 Watt | CV | SELV | PF λ ≥ 0,98 | IP 20 | CE | EMC | M | M | F | 110 | ta -10°÷ +40°C

AC 50Hz | DC | On request | 83 mm

ZigBee 3.0 | BlueTooth | Voice Control | Dimmable

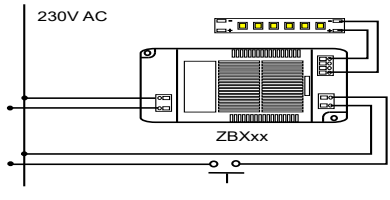




Part Number	Output V	Output @230V Imax	W @230V	W @110V	Dimensions A x B x c
A40ZBX10000B	24V	4,16A	100W	60W	210 x 75 x 35
A40ZBX15000B	24V	6,25A	150W	60W	210 x 75 x 35
A40ZBX10048B	48V	2,10A	100W	60W	210 x 75 x 35

Bluetooth ZBXT* On request

Zigbee ZBX



Datasheet download

Instruction download

Alimentatore LED Wireless - Zigbee +BLE +Push

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Uscita in tensione costante 24V/48V, ±5%
- Comando Zigbee 3.0 + Bluetooth low Energy
- Disponibile APP Android, IOS
- Comando a pulsante lato primario con possibilità di impianti multipli sincronizzati

Wireless Led Driver – Zigbee+BLE +Push

- For independent mounting – IP20 – Insulation class II
- Output in steady voltage 24V/48V, ±5%
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- Push control on the primary side with possible multiple con nection by synchro.

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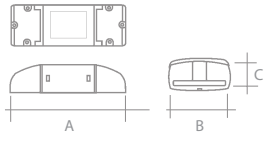
ZIPB Interface 12/24V Zigbee/BLE/Push

144/288 Watt | CV | PF λ ≥ 0,99 | IP 20 | CE | EMC | M | M | F | 110 | SELV | ta -10°÷ +45°C

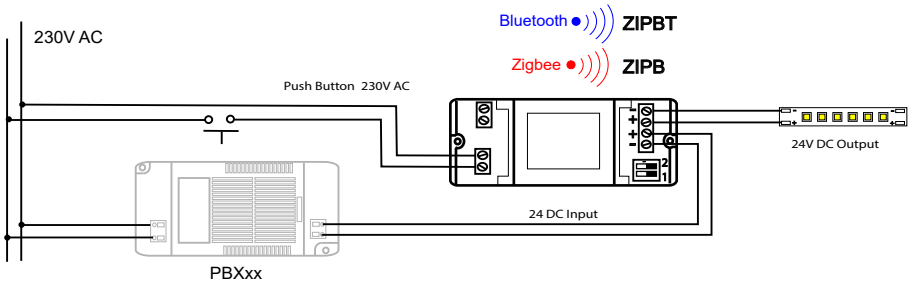
45 mm

ZigBee 3.0 | BlueTooth | Voice Control | tuya | Dimmable





Part Number	Control	Input Vmin	Input Vmax	Output Imax	Output Vmax	W	Dimensions A x B x c
A40ZIPB0000B	Zigbee/BLE/PUSH	12V	24V	12A	Vin-0,5	144/288W	138 x 40 x 28,5
A40ZIPBT000B	BLE/modulo TUYA	12V	24V	12A	Vin-0,5	144/288W	138 x 40 x 28,5



Datasheet download

Instruction download

Interfaccia LED Wireless Zigbee+BLE +Push

- Uscita in tensione costante PWM 250Hz
- Comando Zigbee 3.0 + Bluetooth Low Energy
- Disponibile APP Android, IOS
- Comando a pulsante dul lato primario con possibilità di impianti multipli e sincronizzati

Wireless Led Interface Zigbee+BLE + Push

- Output in steady voltage PWM 250Hz
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- Isoalted PUSH on the primary
- Short circuit protection

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ZCUBE Interface Zigbee/BLE/Push

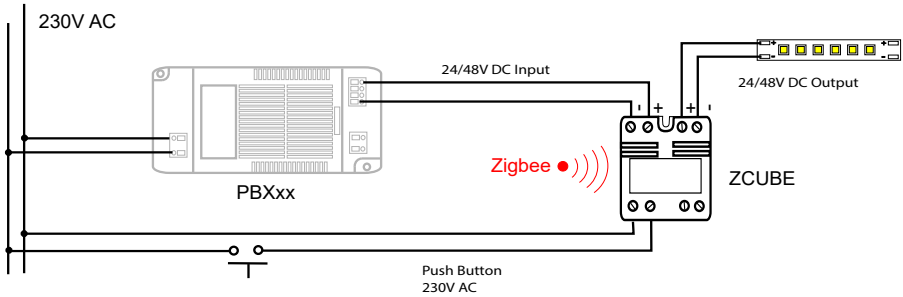
264/336 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

52 mm

ZigBee 3.0 | BlueTooth | Voice Control | Dimmable



Part Number	Input V	Output V	Output I max	Output V max	W	Dimensions A x B x C
A40ZCUBE240N	24V/DC	24V/DC	11A	Vin-0,5V	264W	41 x 47 x 20
A40ZCUBE480N	48V/DC	48V/DC	7A	Vin-0,5V	336W	41 x 47 x 20



Datasheet download

Instruction download

Interfaccia LED Wireless Zigbee+BLE +Push
- Uscita in tensione costante PWM 250Hz
- Comando Zigbee 3.0 + Bluetooth Low Energy
- Disponibile APP Android, IOS
- Ingresso PUSH isolato
- Protezione al corto-circuito
- Comanda carichi resistivi fino a 11A

Wireless Led Interface Zigbee+BLE + Push
- Output in steady voltage PWM 250Hz
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- Isolated Push input.
- Short circuit protection
- For resistive loads up to 11A

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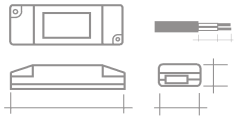
ZIDLK Interface Zigbee/BLE - DALI

CV | PF λ ≥ 0,65 | IP 20 | CE | EMC | M | M | F | 110 | SELV | t_a -10°÷ +45°C

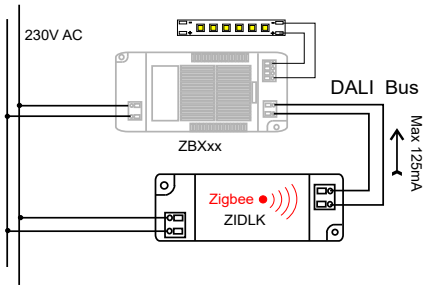
38 mm

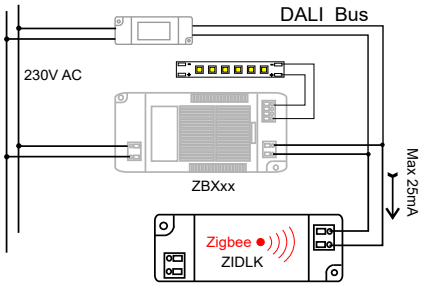
ZigBee 3.0 | BlueTooth | Voice Control | DALI Dimmable | Dimmable





Part Number	Input V/AC	Input V/DC	Output Imax	Output Vmin./max	Dimensions A x B x C
A40ZIDLK000B	110÷240V	9÷22V	0,125A	9÷22V	118 x 33 x 19





Datasheet download

Instruction download

Interfaccia LED Wireless Zigbee+BLE a DALI

- Uso indipendente - IP20 - Classe II di isolamento
- Uscita segnale compatibile DALI2
- Comando Zigbee 3.0 + Bluetooth low Energy
- Disponibile APP Android, IOS
- Alimentazione dalla rete: fornisce sul bus DALI fino a 125mA
- Alimentazione dal bus DALI : assorbe dal Bus max 25mA

Wireless Led Interface – Zigbee+BLE to DALI

- For independent mounting – IP20 – Insulation class II
- Signal output DALI2 compatible
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- Mains supply: on the DALI bus up to 125mA
- DALI bus supply: BUS absorption max 25mA

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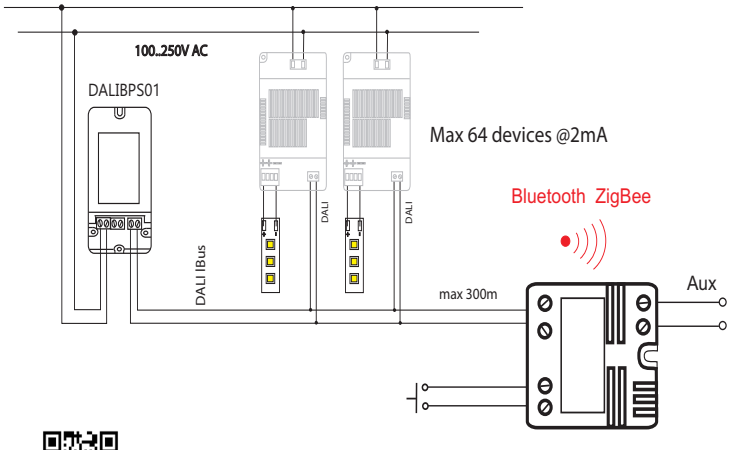
ZBDALI Interface Zigbee/BLE/Push

PF λ ≥ 0,60 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +45°C | 45 mm

ZigBee 3.0 | BlueTooth | Voice Control | Dimmable



Part Number	Input	W	Dimensions A x B x C
A40ZBDALI00N	DALIBUS / 12÷48V/DC	1,5W	41x 47 x 20



Datasheet download

Instruction download

Interfaccia Wireless Zigbee +BLE a DALI

- Alimentazione da BUS DALI o da alimentazione esterna 12-48VDC
- Unità di comando Zigbee 3.0 + Bluetooth Low Energy
- Uscita: segnale DALI
- Disponibile APP Android, IOS

Interface Wireless Zigbee+BLE to DALI

- Supply by BUS DALI or 12-48VDC power supply
- Zigbee 3.0 + Bluetooth Low Energy control
- Output: DALI signal
- APP IOS/ANDROID available

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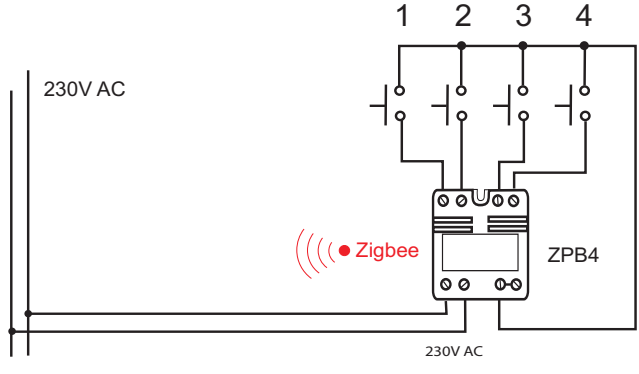
ZPB4 Interface 4-PUSH to Zigbee/BLE

PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +45°C | 45 mm

ZigBee 3.0 | BlueTooth | Dimmable



Part Number	Input	W	Dimensions A x B x C
A40ZPB40000N	110-240V AC	1W	41x 47 x 20



Datasheet download

Instruction download

Unità di comando 4 tasti Wireless Zigbee +BLE
- Unità di comando Zigbee 3.0 + Bluetooth Low Energy
- Disponibile APP Android, IOS
- Ingresso per 4 tasti normalmente aperti
- Alimentazione: 110-240V AC - Consumo:1W

4-pushes control unit Wireless Zigbee+BLE
- Zigbee 3.0 + Bluetooth Low Energy control
- APP IOS/ANDROID available
- 4 push inputs
- Supply: 110-240V AC - 1W consumption

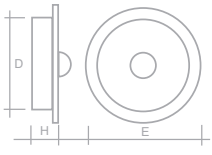
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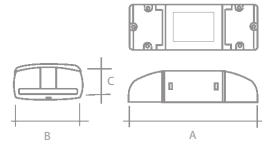
Wireless DALI Multisensor

IP 40 | PF λ ≥ 0,65 | CE | EMC | M | M | F | t_a -10°÷ +40°C | SELV | 75 mm









Part Number	Input Vin	Output	Dimensions A x B x C	Dimensions H x D x E
A40DALISA000	110-250Vac	DMX512	138 x 40 x 28,5	27 x 74 x 82

Wireless DALI Multisensor

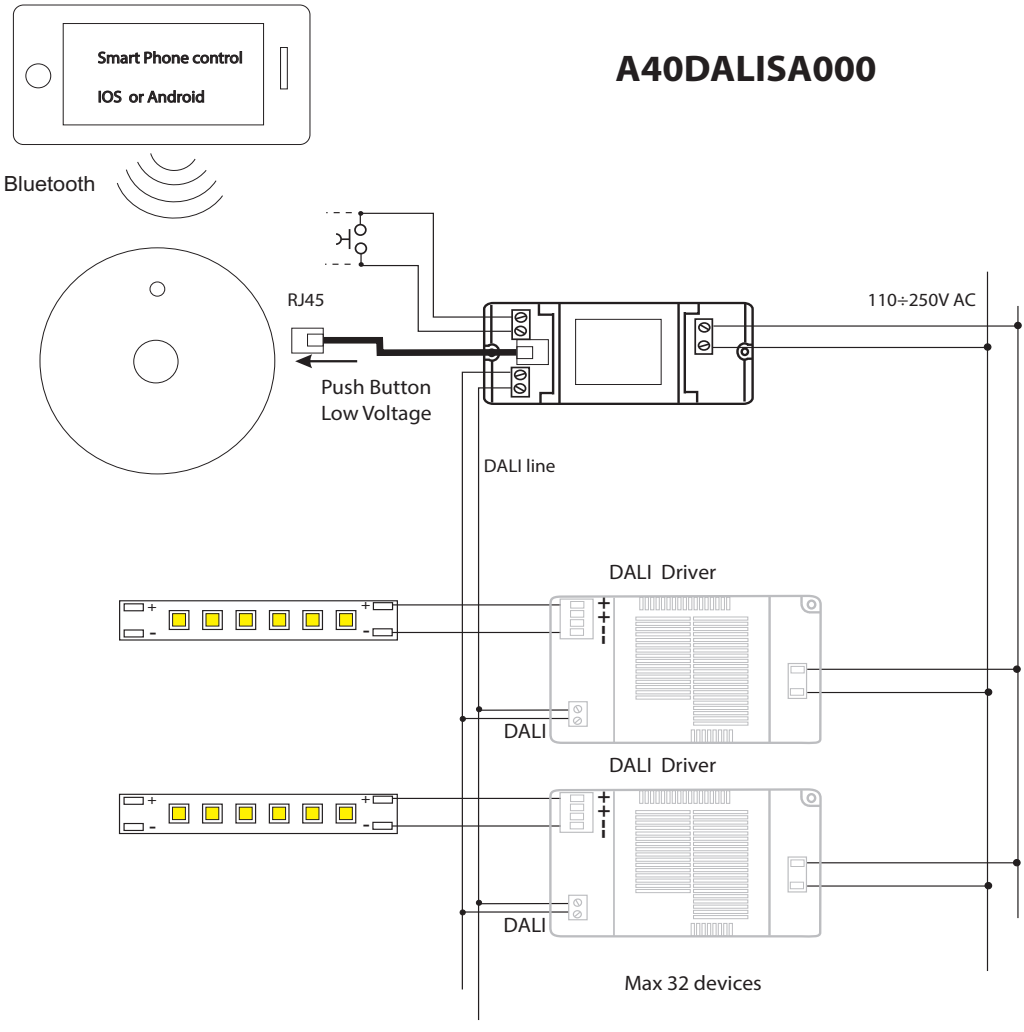
- **A40DALISA000**: sistema indipendente (SA - Stand Alone) - Uscita DALI broadcast (max 32 drivers)
- Interfaccia wireless Bluetooth LE
- Sensore di movimento PIR per uffici (Hmax 5m)
- Sensore di luminosità ambientale
- Ingresso digitale per il collegamento di un pulsante Touch&Dim
- Configurazione e controllo tramite QLT-SENSE App

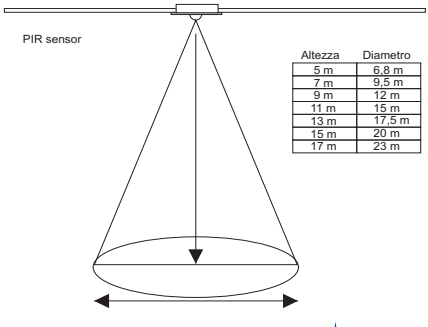
Wireless DALI Multisensor

- **A40DALISA000**: Independent System (SA – Stand alone) - DALI Broadcast output (max 32 drivers)
- Wireless Bluetooth Interface LE
- PIR motion sensor for offices (Hmax 5m)
- Ambient light sensor
- Digital input to connect a Touch & Dim push button
- Configuration and control via QLT-SENSE App

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A40DALISA000



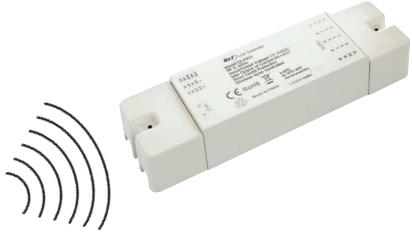


Altezza	Diametro
5 m	6,8 m
7 m	9,5 m
9 m	12 m
11 m	15 m
13 m	17,5 m
15 m	20 m
17 m	23 m

Wall RF Control RGB/RGBW/CT/DIM

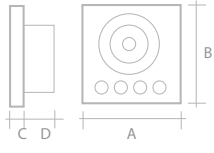
RF 2.4GHz | PF λ ≥ 0,6 | IP 40 | CE | EMC | M | M | F | t_a -20°÷ +40°C











Part Number	Control	Application	Output	Dimensions A x B x C +D
A40WALLRGB2B	RGB	Single zone	2.4 GHz	86 x 86 x 32
A40WALLRGBWB	RGBW	Single zone	2.4 GHz	86 x 86 x 32
A40WALLCT20B	TUNABLE WHITE	Single zone	2.4 GHz	86 x 86 x 32
A40WALLDIM2B	DIMMER	Single zone	2.4 GHz	86 x 86 x 32

Datasheet download

Instruction download

Centralina radiocomando a tocco con uscita RGB / RGBW / Dimmer / Temperatura colore variabile

- Classe II di isolamento - Da incasso - IP40
- 2.4GHz
- Alimentazione: 230V AC
- Disponibile in 4 versioni: RGB, RGBW, Dimmer, controllo della temperatura del colore.
- Fornito con scatola plastica per fissaggio a muro o mobile

Touch RF Controller RGB / RGBW / Dimmer / Color Temperature Control

- Insulation class II - To be built in - IP40
- 2.4 GHz
- Input: 230V AC
- Available in 4 versions: RGB, RGBW, Dimmer, Color Temperature Control
- Wall box for built-in mounting available

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RF Control RGB+RGBW+CCT+DIM / CT+DIM

RF 2.4GHz | IP 40 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III





Part Number	Control	Output	Dimensions A x B x C
A40RCRGBW00N	RGB/RGBW/CT/DIM	2.4 GHz	150 x 40 x 20
A40RCDIMCT0N	CT/DIM	2.4 GHz	150 x 40 x 20

Datasheet download

Instruction download

Radiocomandi 2.4 Ghz RGB +RGBW+CT+DIM / CT+Dimmer

- Controlla l'interfaccia universale PDLU
- **A40RCRGBW00N:** RGB+RGBW+CT+DIM
  A40RCDIMCT0N: controllo della temperatura di colore + Dimmer
- Alimentazione: batterie 2 x AAA (non incluse)
- Possibilità di controllo fino a 4 zone indipendenti. Possibilità di codice univoco

RF Transmitters 2.4 Ghz RGB+RGBW+CT+DIM / CT+Dimmer

- It controls universal RF interface PDLU
- **A40RCRGBW00N**: RGB+RGBW+CT+DIM
  A40RCDIMCT0N: color temperature control + dimmer
- Input: batteries 2 x AAA (not included)
- Independent control of 4 different zones. One-to-one operation mode by single code setting possible

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RF Control RGB/ RGBW/CT/DIM Interface

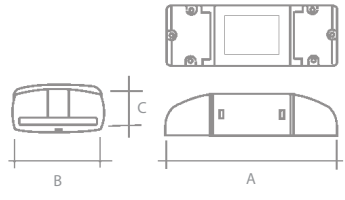
120/240 Watt | RF 2.4GHz | CV | PF λ ≥ 0,99 | IP 20 | CE | EMC | M | M | F | t_a -20°÷ +40°C | 53 mm











Part Number	Control	Input Vmin	Input Vmax	Output I max	Output Vmax	W	Dimensions A x B x C
A40PDLU0000B	RGB/RGBW/DIM/CT	12V	24V	4 x 2,5A	Vin -0.1V	120/240 W	163 x 46 x 25

Datasheet download

Instruction download

Ricevitore RF 2.4Ghz per RGB / RGBW Dimmer / CT
- Classe II di isolamento - Indipendente - IP20
- Controllo universale: RGB / RGBW / Dimmer /CT
- Alimentazione: 12÷24V DC
- Modalità Synchro RF max 10m

RF Receiver 2.4Ghz for RGB/RGBW/Dimmer/CT
- Insulation class II - For independent mounting - IP20
- Control of RGB / RGBW / Dimmer/CT
- Input: 12÷24V DC
- Synchro Mode max 10m

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SMART/RF Control interface

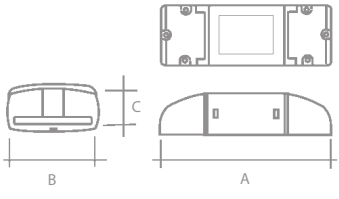
120/240 Watt | RF 2.4GHz | CV | PF λ ≥ 0,99 | IP 20 | CE | EMC | M | M | F | ta -20°÷ +40°C | 53 mm



Google Home | Amazon Echo | Voice Control

Smart Life

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Part Number	Control	Input Vmin	Input Vmax	Output I max	Output Vmax	W	Dimensions A x B x C
A40PDLUSM00B	RGB/RGBW/DIM/CT	12V	24V	4 x 2,5A	Vin -0.1V	120/240 W	163 x 46 x 25

Datasheet download

Instruction download

RicevitoreRF/SMART 2.4Ghz per RGB / RGBW Dimmer / CT

- Classe II di isolamento - Indipendente - IP20
- Controllo della luce - RGB / RGBW / Dimmer /CT - da remoto tramite APP TUYA da dispositivi SMART, Amazon Echo o Google Home o con nostri telecomandi RF (accoppiamento necessario)
- Alimentazione: 12÷24V DC
- Modalità Synchro RF max 10m

RF/SMART Receiver 2.4Ghz for RGB/RGBW/Dimmer/CT

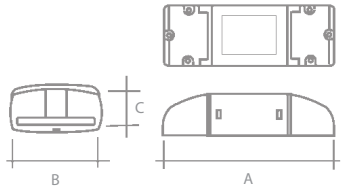
- Insulation class II - For independent mounting - IP20
- Control of light - RGB / RGBW / Dimmer/CT - by APP TUYA from Smart Devices, Amazon Echo or Google Home or by QLT RF transmitter (before matching procedure)
- Input: 12÷24V DC
- Synchro Mode max 10m

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LED Amplifier repeater "RGB/Dimmer/CT"

240/480 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | t_a -20°÷ +40°C | 50 mm





Part Number	Control	Input Vmin	Input Vmax	Output I max	Output Vmax	W	Dimensions A x B x C
A40PWMREP00B	RGB/Dimmer/CT	12V	24V	20A	Vin -0.1V	240/480W	138 x 40 x 28,5

Datasheet download

Instruction download

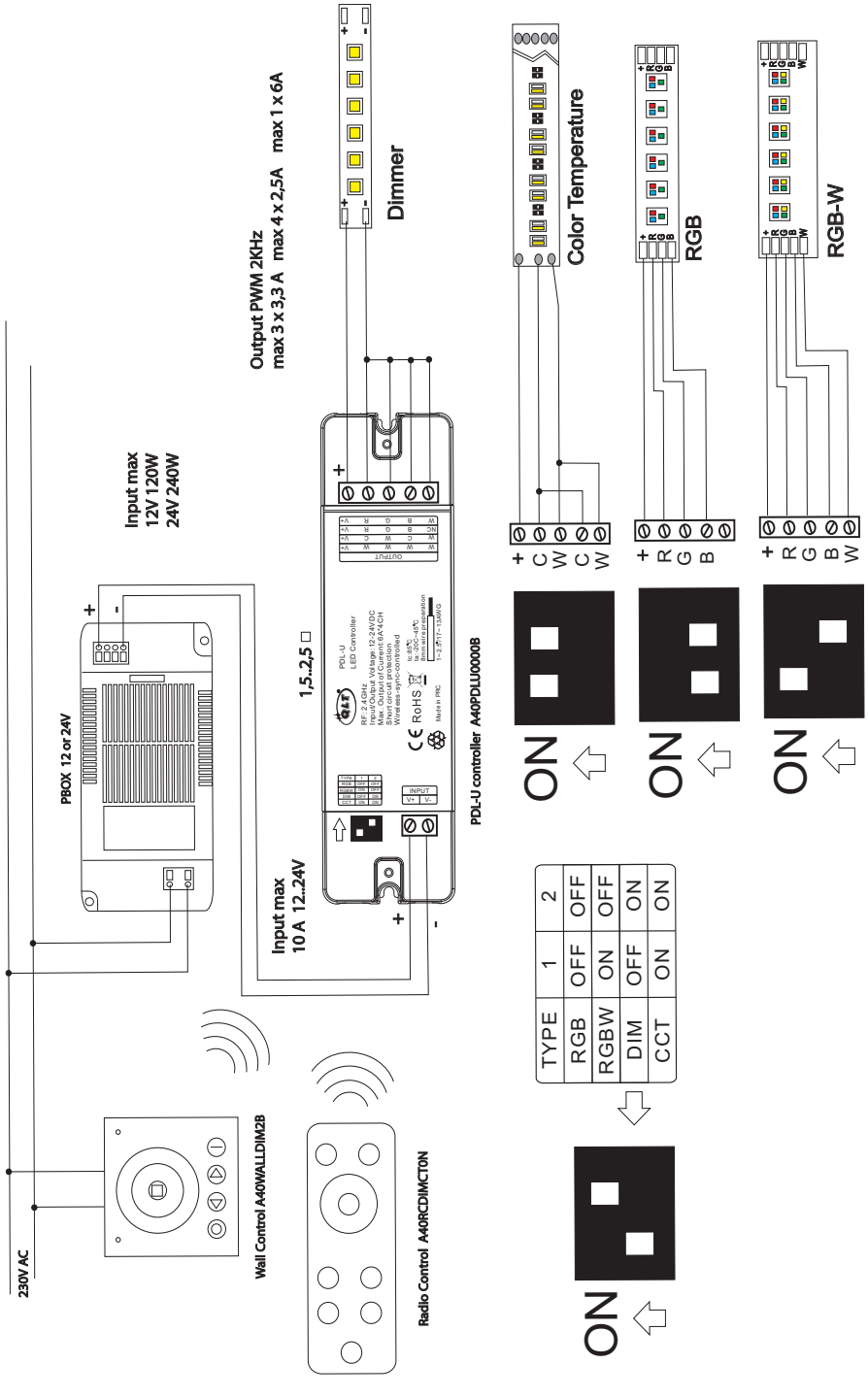
Amplificatore/ripetitore di segnale RGB / Dimmer / CT

- Classe II di isolamento - Bassa tensione - IP20
- Ripete il segnale RGB o Dimmer in ingresso e comanda il carico di uscita
- Alimentazione: 12 o 24V DC
- Uscita: strisce Led a tensione costante 12V o 24V
- Ingresso isolato Master per funzione Dimmer
- Collegamento in cascata di 3 apparecchi

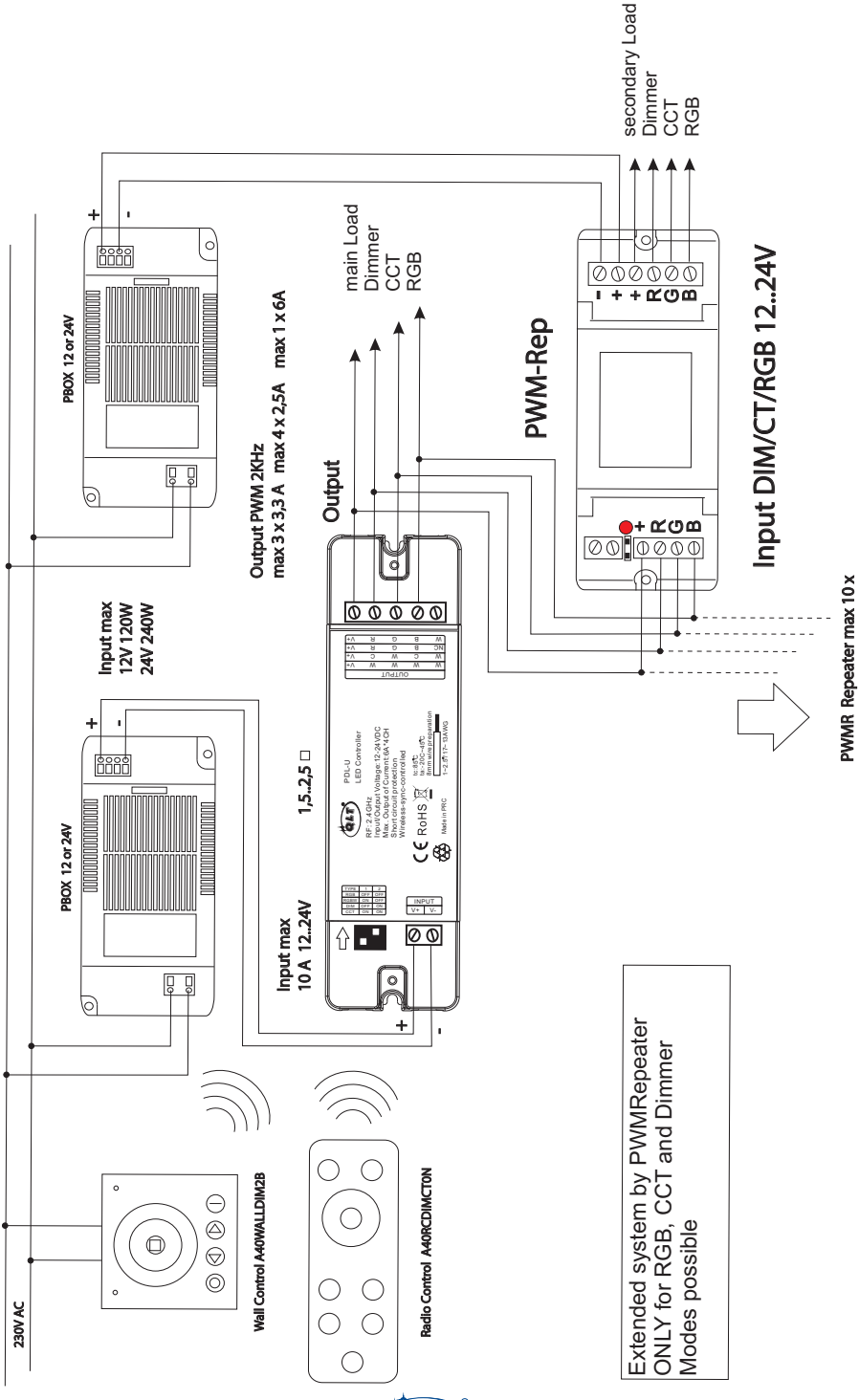
Booster/Repeater signal RGB/Dimmer/CT

- Insulation class II - Low voltage system - IP20
- It repeats the input RGB or dimming signal and controls the output load
- Input: 12 oder 24VDC
- Output: constant voltage LED strips 12VDC or 24VDC
- Isolated Master input for dimming system
- Possible cascade connection of 3 devices

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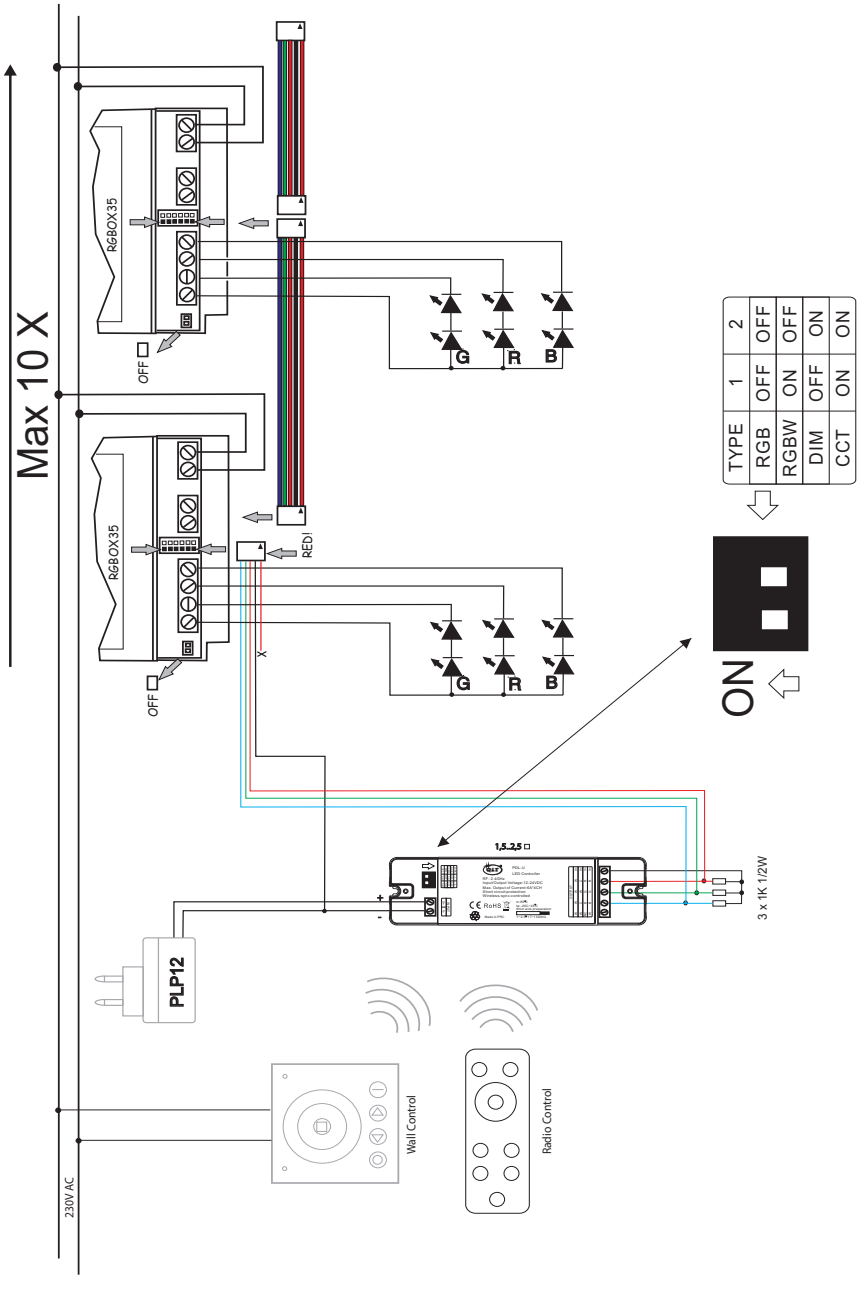

Radio frequency controlled system
230V AC
Wall Control A40WALLDIM2B
Radio Control A40RCDIMCT0N
PBOX 12 or 24V
Input max
12V 120W
24V 240W
Input max
10 A 12..24V
1,5..2,5 □
Output PWM 2KHz
max 3 x 3,3 A max 4 x 2,5A max 1 x 6A
PDL-U controller A40PDLU0000B
Dimmer
Color Temperature
RGB
RGB-W
TYPE 1 2
RGB OFF OFF
RGBW ON OFF
DIM OFF ON
CCT ON ON
ON

LED Amplifier repeater "RGB/Dimmer/CT"



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RF Control CC - Installation Examples



Notes

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TW & RGB LED Systems



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PBX-TW Tunable White DALI DT8-TC/PUSH

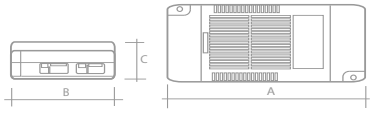
100 Watt | CV | PF λ ≥ 0,98 | IP 20 | CE | EMC | M | M | F | ta -10°÷ +40°C | 84 mm

DALI Dimmable

Dimmable

DALI DT8-TC





Part Number	Protocol	Output V	Output@230V I max	W @230V	W @110V	Dimensions A x B x C
A40PBX100TWB	DALI DT8-TC / PUSH	24V/DC	2 x 4,16A	100W+100W	60W+60W	210 x 75 x 35

Datasheet download

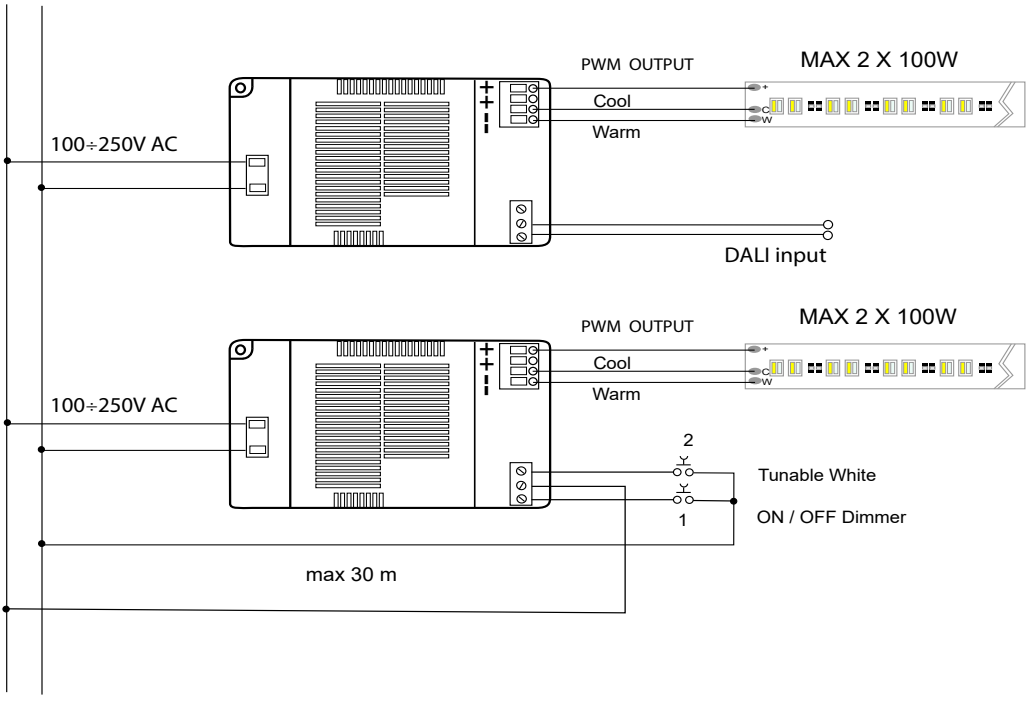
Alimentatore Tunable White DALI DT8-TC/Push

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Comanda strisce Led a luce calda e fredda a due canali
- Comando DALI DT8-TC o pulsanti.
  Pulsante 1: pressione rapida (ON/OFF), pressione prolungata (dimmerazione)
  Pulsante 2: selezione della temperatura colore.
- Morsetti rapidi
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- No flicker
- Alimentazione: 100÷250 V / AC - Uscita stabilizzata.

Driver for Tunable White control DALI DT8-TC/ Push

- Indipendent driver - IP20 - Insulation class II
- Control of 2-channel led strips (warm and cool light)
- Control by DALI DT8-TC or push-buttons
  Push-button 1: short push (ON/OFF), long push (dimming)
  Push-button 2: Tunable White
- Fast terminals
- High power factor
- Cable clamp for flat and round cables
- Flicker free
- Input Voltage: 100÷250 V/AC - Steady output.

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PWM OUTPUT
MAX 2 X 100W
Cool
Warm
100÷250V AC
DALI input
PWM OUTPUT
MAX 2 X 100W
Cool
Warm
100÷250V AC
2
Tunable White
1
ON / OFF Dimmer
max 30 m

RGBX424E 24V DT8 Multicontrol Driver

100/400 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | ta -10°÷ +40°C | 84 mm

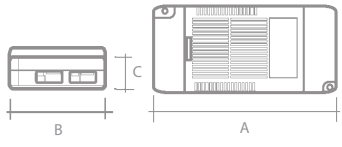
Dimmable

DMX Dimmable

DALI Dimmable



DALI RGB-AF DT8



Part Number	Protocol	Output V	Output@230V I max 3ch	Output@230V I max 4ch	W @230V	W @110V	Dimensions A x B x C
A40RGBX424EB	DALI DT8 / PUSH	24V	3 x 1,38A	4 x 4,16A	100W / ch	60W / ch	210 x 75 x 35
	DMX	24V	3 x 1,38A	4 x416A	25W / ch		210 x 75 x 35

Datasheet download

Convertitori per LED di potenza RGBW a 4 canali e RGB a 3 canali

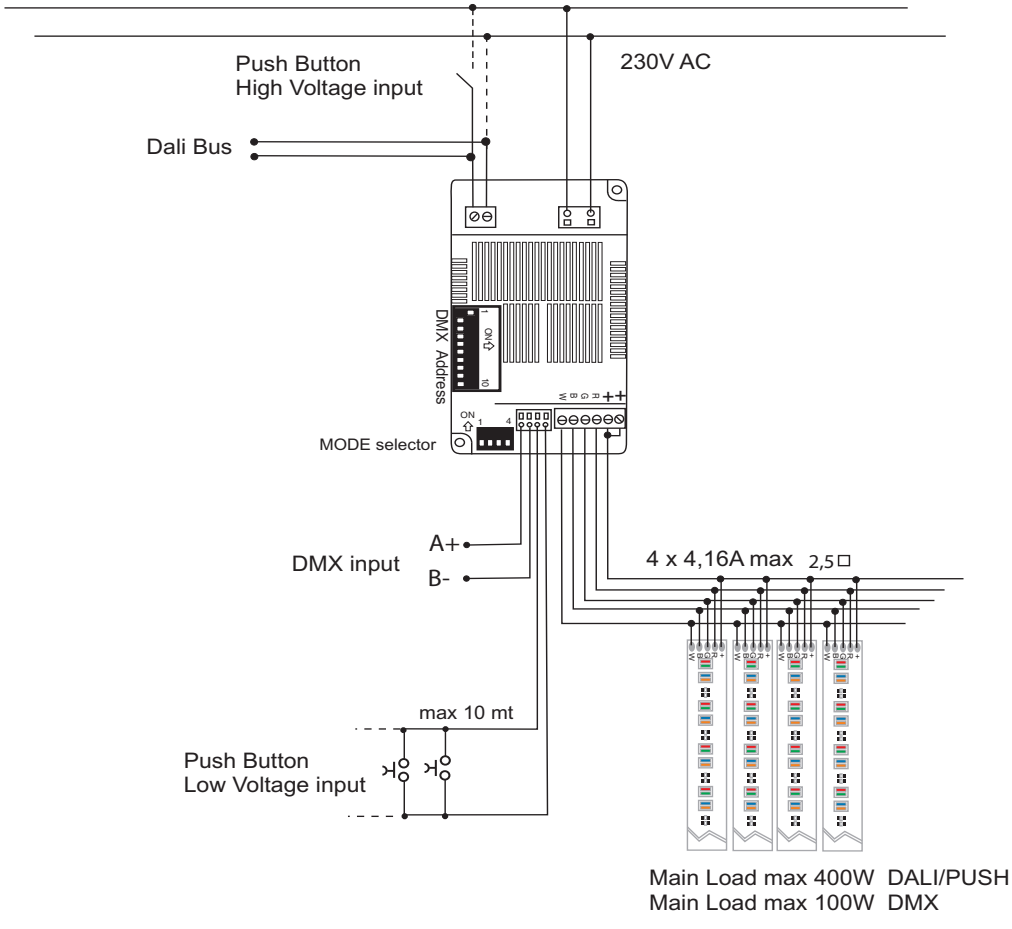
- Alimentatore indipendente - IP20 - Classe II di isolamento
- Comando della luce - accensione, regolazione e spegnimento con uno o più pulsanti - Ingresso pulsante bassa tensione + ingresso pulsante alta tensione.
- Regolazione Lin + Log
- Ingresso DMX e DALI con funzione auto-test incorporata e LED di segnalazione
- Configurabile per 3 o 4 canali di uscita
- Per LED di potenza RGBW e RGB a tensione costante. Uscita 4 x 24V PWM o 3 x 24V PWM 300Hz. Anodo comune.
- Collegamento in parallelo fino a max 10 x RGBox4
- Morsetti rapidi
- Alto fattore di potenza
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240 V/AC - Uscita stabilizzata
- A richiesta, alimentazione specifica a 110V (uscita potenziata)

Driver for R G B W 4 channel and RGB 3 channel systems

- Indipendent driver - IP20 - Insulation class II
- Light control - on, off and colour regulation by one or more push-buttons - Input for low voltage push and input for high voltage push
- Lin + Log regulation
- DMX and DALI inputs with self-test function and LED signal
- Configuration for 3 or 4 output channels
- Suitable for RGBW systems and constant voltage RGB systems. Output 4 x 24V PWM or 3 x 24V PWM 300Hz. Common anode
- Possible parallel connection up to 10 x RGBOX4 drivers
- Fast terminals
- High power factor
- Cable clamp for flat and round cables
- Input voltage: 110÷240 V/AC - Steady output.
- On request, specific boosted 110V version

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RGBX424E 24V DT8 Multicontrol Driver



Per visualizzare nel dettaglio tutte le varie tipologie di impianto / sistemi di controllo, scaricare il il file qui sotto.

For all types of control and installation systems, download the file here under

Instruction download

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INT RGBW Multicontrol Interface DT8

300/600 Watt | CV | IP 20 | CE | EMC | M | M | F | ta -10°÷ +45°C | 84 mm

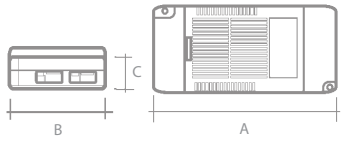
DMX Dimmable

DALI Dimmable

Dimmable

DALI RGB-AF DT8





Part Number	Protocol	Input V	Output V	Vout	Output@230V I max 3ch	Output@230V I max 4ch	W @230V	Dimensions A x B x C
A40INTRGB4EB	DALI DT8 / PUSH	24V	24V	Vin-0,2V	3 x 4,16A	4 x 6,25A	150W / ch	210 x 75 x 35
	DMX	24V	24V	Vin-0,2V	3 x 4,16A	4 x 3,125A	75W / ch	210 x 75 x 35

Datasheet download

Interfaccia RGBW a 4 canali e RGB a 3 canali

- Interfaccia di controllo - IP40 - Classe II di isolamento
- Configurabile per 3 o 4 canali di uscita per LED di potenza RGB e RGBW
- Funzionamento in tensione costante. Uscita 4 x 24V PWM o 3 x 24V PWM
- Ingresso pulsante bassa tensione e ingresso pulsante alta tensione. Accensione, regolazione e spegnimento con uno o più pulsanti
- Ingresso DMX o DALI DT8 con funzione auto-test e LED di segnalazione
- Curva di regolazione lineare o esponenziale.
- Terminatore DMX selezionabile incorporato
- Collegamento in parallelo fino a max 10 pezzi
- Doppio morsetto
- Morsetti rapidi
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti

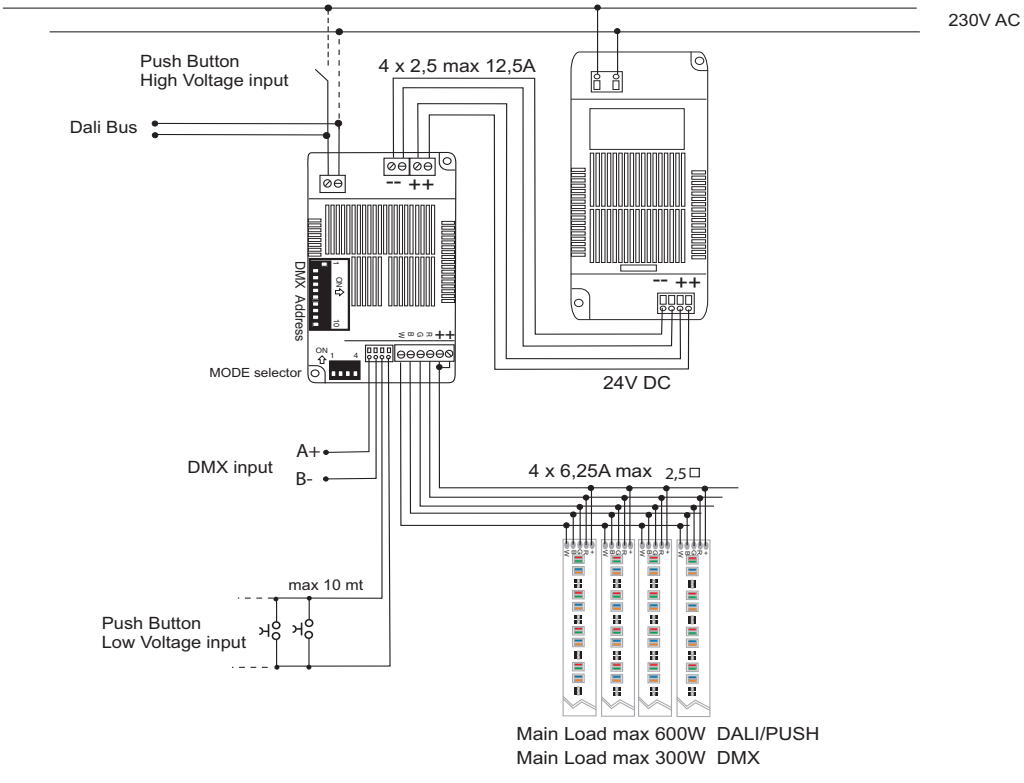
Interface for RGBW 4-channel and RGB 3-channel

- Control Interface - IP40 - Insulation class II
- Configuration by 3 or 4 output channels for RGB and RGBW led applications.
- Constant voltage operation. Output 4 x 24V PWM o 3 x 24V PWM
- Low Voltage push-button input and High Voltage push button input - On, off and colour regulation by one or more push-buttons
- DMX and DALI DT8 inputs with self-test function and LED signal
- Regulation curve: linear or exponential
- DMX Resistor settable by dip switches
- Possible parallel connection up to 10 x interfaces
- Fast terminals

- Cable clamp for flat and round cables
- Double terminal block

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INT RGBW Multicontrol Interface DT8



Per visualizzare nel dettaglio tutte le varie tipologie di impianto / sistemi di controllo, scaricare il il file qui sotto.

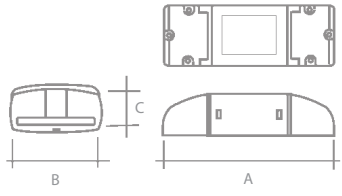
For all types of control and installation systems, download the file here under

Instruction download

LED repeater "RGBW/RGB/Dimmer/TW"

288/576 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | t_a -20°÷ +40°C | 45 mm





Part Number	Control	Input Min.	Input Max	Output Imax	Output Vmax	W	Dimensions A x B x C
A40PWMREP40B	RGBW/RGB/Dimmer/CT	12V	24V	4x5A 3x6A	Vin -0.1V	10W-240/480W	138 x 40 x 28,5

Datasheet download

Instruction download

Ripetitore di segnale RGBW/RGB/Dimmer /TW

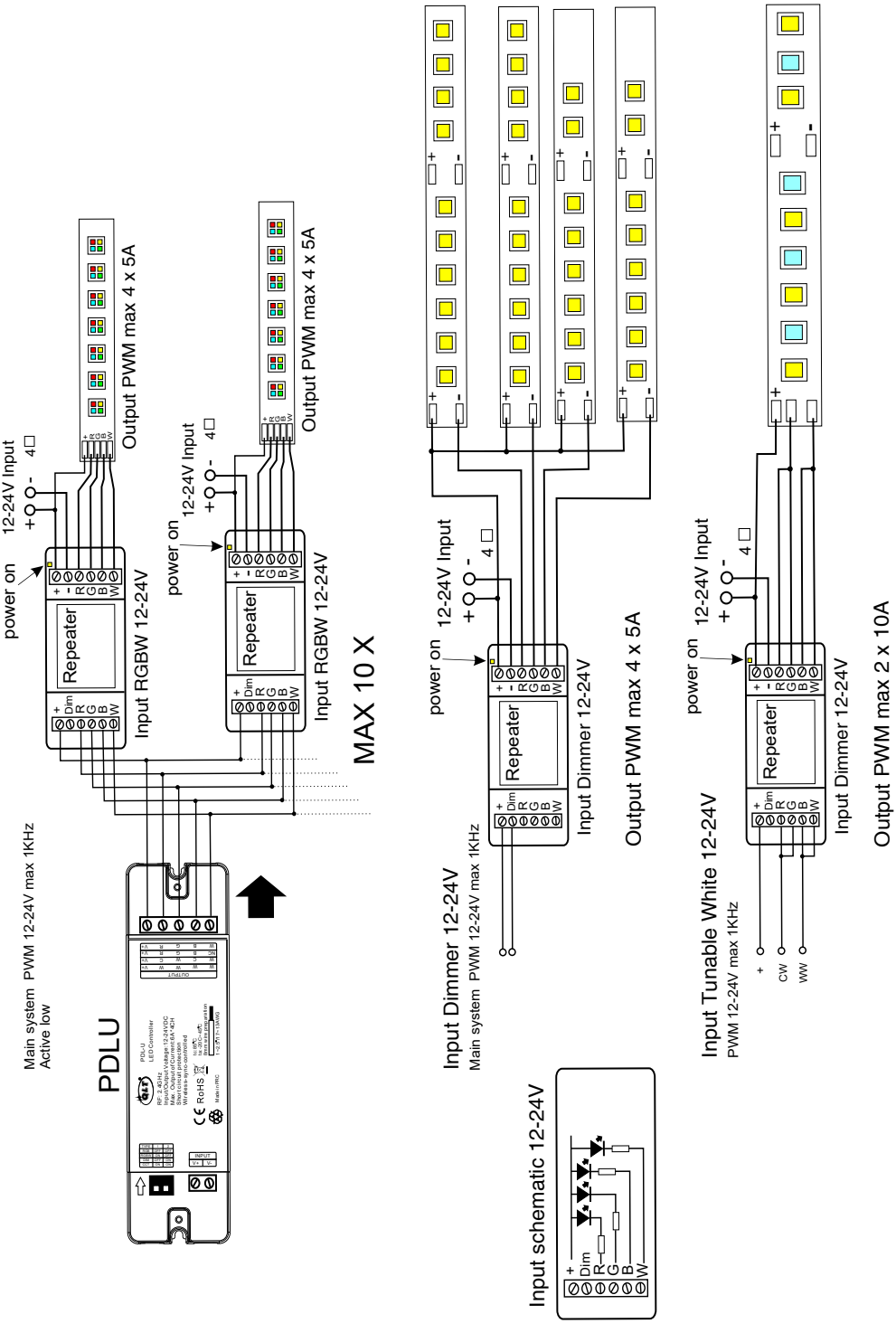
- Classe II di isolamento - Bassa tensione - IP20
- Ripete il segnale RGBW/RGB/ Dimmer o TW in ingresso e comanda il carico di uscita
- Alimentazione: 12 o 24V DC
- Uscita: strisce Led a tensione costante 12V o 24V
- Ingresso isolato Master per funzione Dimmer
- Collegamento in cascata di 10 apparecchi
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti

Signal Repeater RGBW/RGB/Dimmer/TW

- Insulation class II - Low voltage system - IP20
- It repeats the input RGB or dimming signal and controls the output load
- Operation at 12 oder 24VDC
- Output: constant voltage LED strips 12VDC or 24VDC
- Isolated Master input for dimming system
- Cable clamp for flat and round cables
- Possible cascade connection of 10 devices

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LED repeater "RGBW/RGB/Dimmer/TW"



RGBOX4 12V DT6 Multicontrol Driver

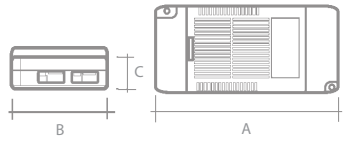
75 Watt | CV | PF λ ≥ 0,96 | IP 20 | CE | EMC | M | M | F | ta -10°÷ +40°C | 84 mm

Dimmable

DMX Dimmable

DALI Dimmable





Part Number	Protocol	Output V	Output@230V I max 3ch	Output@230V I max 4ch	W @230V	W @110V	Dimensions A x B x C
A40RGBOX412B	DALI DT6 / DMX / PUSH	12V	3 x 2,08A	4 x 1,56A	75W	60W	210 x 75 x 35

Datasheet download

Instruction download

Convertitori per LED RGBW a 4 canali e RGB a 3 canali a 12V

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Ingresso pulsante bassa tensione. Comando della luce - accensione, regolazione e spegnimento con uno o più pulsanti
- Ingresso DMX e DALI con funzione auto-test incorporata e LED di segnalazione
- Configurabile per 3 o 4 canali di uscita
- Per LED di potenza RGBW e RGB a tensione costante. Uscita 4 x 12V PWM o 3 x 12V PWM 300Hz. Anodo comune.
- Collegamento in parallelo fino a max 10 x RGBox4
- Doppio morsetto
- Morsetti rapidi
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 110÷240 V/AC - Uscita stabilizzata
- A richiesta, alimentazione specifica a 110V (uscita potenziata)

12V driver for R G B W 4 channel and RGB 3 channel systems

- Indipendent driver - IP20 - Insulation class II
- Low voltage push button input. Light control - on, off and colour regulation by one or more push-buttons
- DMX and DALI inputs with self-test function and LED signal
- Configuration for 3 or 4 output channels
- Suitable for RGBW systems and constant voltage RGB systems. Output 4 x 12V PWM or 3 x 12V PWM 300Hz. Common anode
- Possible parallel connection up to 10 x RGBOX4 drivers
- Double terminal block
- Fast terminals
- Cable clamp for flat and round cables
- Input voltage: 110÷240 V/AC - Steady output.
- On request, specific boosted 110V version

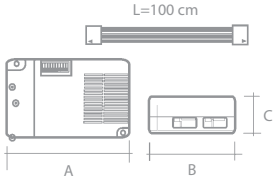
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RGBOX Multicontrol Driver 12/24V

45÷55 Watt | CV | PF λ ≥ 0,95 | IP 20 | EQUIV. SELV | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C

Dimmable | DMX Dimmable | 85 mm





Part Number	Protocol	Output V	Output@230V I max 3ch	W @230V	Dimensions A x B x C
A40RGBOX450B	DMX / PUSH	12V	3 x 1,25A	45W	147 x 75 x 39
A40RGBOX550B	DMX / PUSH	24V	3 x 0,7A	55W	147 x 75 x 39

Datasheet download

Convertitori per LED di potenza in sistemi R G B

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Ingresso pulsante bassa tensione. Comando della luce - accensione, regolazione e spegnimento - con uno o più pulsanti
- Ingresso DMX con funzione auto-test incorporata e LED di segnalazione
- Per LED di potenza RGB a tensione costante - Uscita 3 x 12/24V PWM
- Collegamento in parallelo fino a max 10 RGBOX

Converters for High Brightness LEDs in R G B systems

- Indipendent converter - IP20 - Insulation class II
- Low voltage push button input. Light control - on, off and colour regulation - by one or more push-buttons
- DMX input with self-test function and LED signal
- Suitable for RGB systems, constant voltage - Output 3 x 12/24V PWM
- Possible parallel connection up to 10 x RGBOX drivers

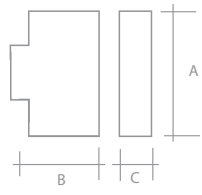
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DMX220 DMX-DALI to PWM

20 Watt | CV | PF λ ≥ 0,85 | IP 20 | CE | EMC | M | M | t_a -10°÷ +40°C | III | 74 mm

DMX Dimmable





Part Number	Protocol	Input V	Output	W	Dimensions A x B x C
A40DMX220000	DALI / DMX	230V/AC	24V 3 x PWM 200Hz	20W	110 x 70 x 23

Datasheet download

Convertitori per LED di potenza in sistemi RGB

- Alimentatore da incorporare - IP 20
- DIP switch per selezionare l'indirizzo DMX
  LED segnalazione interno
- Ingresso separato per DALI o DMX
- Per LED di potenza RGB a 24V tensione costante
  Uscita 3 x 24V PWM 20W
- Alimentazione: 190÷265V/AC - A richiesta 90÷265V/AC
  Uscita Stabilizzata.

Converters for High Brightness LEDs in RGB systems

- Built-in converter - IP 20
- DIP switches to select DMX address - Signalization led inside
- Separate inputs for DALI and DMX
- Suitable for 24V RGB systems, constant voltage - Output 3 x 24V PWM 20W
- Input voltage: 190÷265V/AC - On request 90÷265V/AC
  Steady output.

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RGBox 4-Ch. Constant Current - DALI DT8/Push/DMX

60 Watt | CC | PF λ ≥ 0,96 | EQUIV. SELV | IP 20 | CE | EMC | M | M | F | 110 | t_a -10°÷ +40°C

84 mm

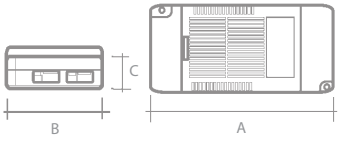
DMX Dimmable

Dimmable

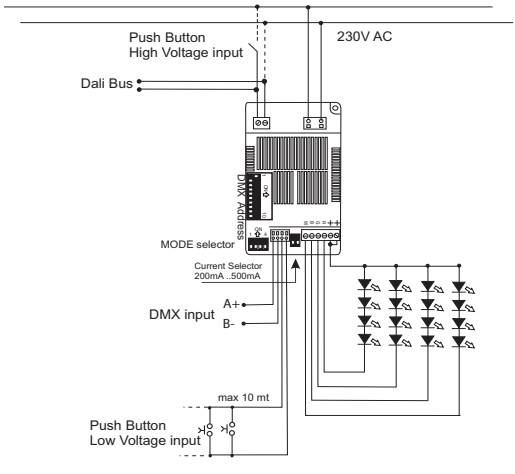
DALI Dimmable

DALI RGB-AF DT8





Part Number	Protocol	Iout	Vout Min.	Vout Max.	Uout	W	Dimensions A x B x C
A40RGBOX435B	DALI DT8/ PUSH/ DMX	200÷500mA	6V	44V	48V	60W	210 x 75 x 35



Datasheet download

Alimentatore CC per LED RGB+W - 4 canali

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Per LED RGB+W a corrente costante
- Uscita in corrente costante 200÷500mA, programmabile con DIP-switches
- Ingresso pulsante bassa tensione e ingresso pulsante alta tensione. Comando della luce - accensione, regolazione e spegnimento - con uno o più pulsanti
- Collegamento in parallelo fino a max 20 x RGBox comandati dallo stesso pulsante senza limiti di lunghezza
- Ingesso DMX
- Ingresso DALI
- Morsetti rapidi
- Pressacavo adatto a vari tipi di cavo, sia tondi che piatti
- Alimentazione: 220÷240V/AC

RGB+W Led Driver in CC- 4 channels

- For independent mounting - IP20 - Insulation class II
- For RGB+W applications operating in constant current.
- Output in steady current: 200÷500 mA, settable by DIP-Switches
- Low voltage push button input and high voltage push button input. Light control - on, off and dimming - by one or more push-buttons (no limits of cable lenght)
- Parallel connection for max 20 x RGBox controlled by the same push-buttons .
- DMX control
- DALI control
- Fast terminals
- Cable clamp for flat and round cables
- Input voltage: 220÷240V/AC

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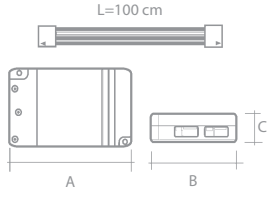
RGBox 3-Channels Constant Current

35 Watt | CC | PF λ ≥ 0,96 | EQUIV. SELV | IP 20 | CE | EMC | M | M | F | 110 | ta -10°÷ +40°C

81 mm

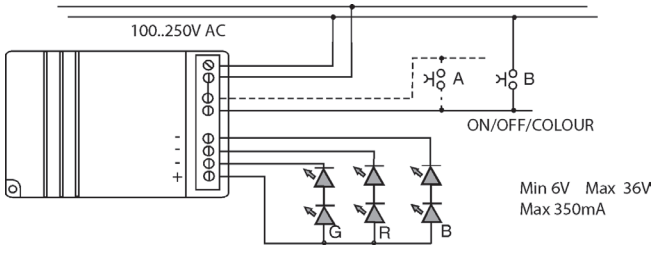
Dimmable





Software color cycles:
25 sec (standard)
96 sec (on request)

Part Number	Protocol	Iout	Vout/ch Min	Vout/ch Max	W/ch Max	Wtot Max	Dimensions A x B x C
A40RGBOX350B	PUSH PWM 180Hz	350mA	6V	36V	12,5W	35W**	147 x 75 x 29



Datasheet download

Alimentatore per LED di potenza RGB 3 canali

- Alimentatore indipendente - IP20 - Classe II di isolamento
- Ingresso pulsante alta tensione. Comando della luce - accensione, regolazione e spegnimento - con uno o più pulsanti senza limiti di lunghezza
- Per LED di potenza RGB a corrente costante 350mA PWM 180Hz. Anodo comune
- Collegamento in parallelo fino a max 20 x RGBox comandati dallo stesso pulsante.
- Alimentazione: 100÷250V/AC

RGB Led Driver - 3 channel

- For independent mounting - IP20 - Insulation class II
- High voltage push button input. Light control - on, off and dim ming - by one or more push-buttons (no limits of cable lenght)
- Suitable for RGB leds operating in constant current 350mA PWM 180Hz - Common anode
- Parallel connection for max 20 x RGBox controlled by the same push-buttons .
- Input voltage: 100÷250V/AC

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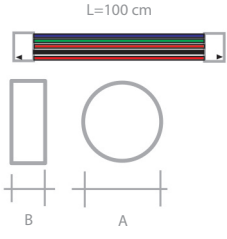
DMX-DALI to PWM Interface for RGBOX35

IP 00 | CE | EMC | M | M | F | t_a -20°÷ +45°C | III | 74 mm

DMX Dimmable

DALI Dimmable





Part Number	Input	Output	W	Dimensions A x B
A40DMXDALI10	DMX512 or DALI	3 x PWM 200Hz	20W	70 x 24

Datasheet download

Convertitori DMX-DALI per sistemi RGB

- Convertitore di protocollo da DMX512 o DALI a PWM per alimentatore RGBOX35
- Alimentazione attraverso il cavetto di collegamento polarizzato
- Riconoscimento automatico dell'ingresso attivo DMX o DALI
- Funzione auto - test per provare le funzioni
- Visualizzazione di accensione e del segnale DMX ricevuto con 2 LED
- Fornito con cavo di collegamento e alimentazione per centralina RGBOX35

DMX or DALI interface for RGB systems

- DMX512 or DALI interface to be combined with PWM driver RGBOX35
- Input supply by polarized connection cable
- Self recognition of DMX or DALI input
- Self-test to check all functions.
- When enlightened, the 2 leds on the board indicate ON mode and received DMX signal.
- Supplied with connection and supply cable for driver RGBOX35

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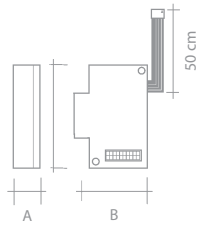
DMX203 DMX-DALI Interface

IP 20 | CE | EMC | M | M | F | III | t_a -10°÷ +45°C | 74 mm

DMX Dimmable

DALI Dimmable





Part Number	Input	Output	Dimensions A x B x C
A40DMX203000	DMX512 or DALI	3 x PWM 200Hz	110 x 70 x 23

Datasheet download

Convertitori DMX-DALI per sistemi RGBOX

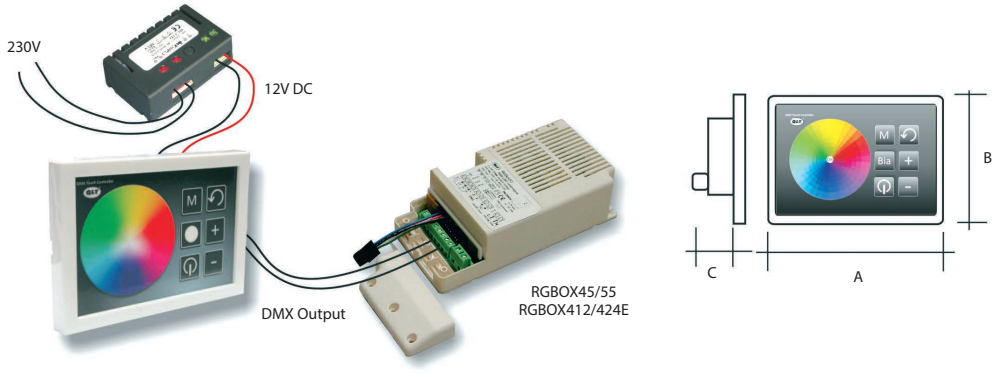
- Convertitore di protocollo da DMX512 o DALI a PWM RGBOX35
- Alimentazione attraverso il cavetto di collegamento polarizzato
- Riconoscimento automatico dell'ingresso attivo DMX o DALI
- Funzione auto - test per provare le funzioni
- Visualizzazione di accensione e del segnale DMX ricevuto con 2 LED
- Fornito con cavo di collegamento e alimentazione per centralina RGBOX35.

DMX/DALI interface for RGB systems

- DMX512 or DALI interface to be combined with PWM driver RGBOX35
- Input supply by polarized connection cable
- Self recognition of DMX or DALI input
- Self-test to check all functions.
- When enlightened, the 2 leds on the board indicate ON mode and received DMX signal.
- Supplied with connection and supply cable for driver RGBOX35.

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DMX-T Touch Controller



Part Number	Input	Output 1	Output 2	Dimensions A x B x C
A40DMXT00000	9÷40V DC	DMX512	3 x PWM TTL	120 x 85 x 25
A40DMXT40000	9÷40V DC	DMX512	4 x PWM TTL	120 x 85 x 25

Instruction download

Generatore touch DMX per sistemi RGB e RGBW

- Centralina DMX512 per controllare sistemi RGB e RGBW - IP20 - Classe II di isolamento
- Si collega direttamente a centraline RGBOX35 o con segnale DMX a RGBox45/55 e RGBOX412/RGBX424E
- Si installa in scatole a muro rotonde Ø50mm o in scatole 503 Standard
- Superficie sensibile cm 10 x 7 con cover grafiche personalizzabi li, fornito con cornice alluminio e bianca
- Alimentazione 9÷40V nel caso di funzionamento indipendente come generatore DMX
- Dotato di funzione on/off, master dimmer (tutti i canali contemporaneamente), rotazione colori, 6 memorie.

DMX touch controller for RGB and RGBW systems

- DMX512 generator for RGB and RGBW systems IP20 - Insulation class II
- To be directly connected to RGBOX35 drivers or with DMX signal to RGBOX45/55 and RGBOX412/RGBX424E
- To be built in round wall boxes of Ø50mm or in standard 503 boxes
- Touch display cm 10x7 - Personalized sticking covers available Supplied with chrome and white plastic frames
- Input: 9÷40V in case of indipendent functioning as DMX controller
- Function modes available: on/of, master dimmer (all channels simultaneously), colour rotation, 6 memories.

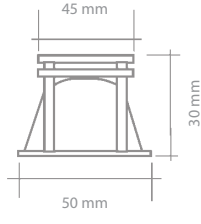
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TRIOColor RGB MR16 Spot

3,2 Watt | LED True Color RGB | CC | IP 20 | CE | EMC | M | M | F | t_a -10°÷ +40°C | III | 50 mm







TRIOC MR 16

Part Number	Colour	Lumen	Beam	I (typ)	V (typ)	W (typ)	Ø	Standard size
A40TRIOCW000	RGB	170	Wide 40°	3x350mA	3,2V	3,2W	50 mm	MR16
A40TRIOCM000	RGB	170	Medium 25°	3x350mA	3,2V	3,2W	50 mm	MR16
A40TRIOCS000	RGB	170	NO Lense 110°	3x350mA	3,2V	3,2W	50 mm	MR16

ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBOX350B**
RGB Led Driver 350mA
Page: 202

Spot a LED di potenza RGBW - 3 x 350mA
- Si adatta ai faretti da incasso per lampadina dicroica Ø 50mm
- Fornito con cavo CB064, 30 cm, connettori AMP, 4 poli (M/F)

High Brightness LED spot RGBW - 3 x 350mA
- Suitable for being built in standard Ø 50mm downlights
- Delivered with CB064 lead, 30 cm 4 pins cables (M/F) with AMP connectors

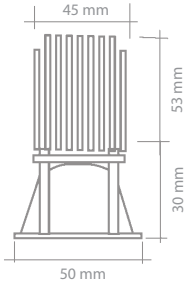
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TRIOColor4 RGB+W MR16 Spot

11,25 Watt | CC | IP 20 | CE | EMC | M | M | F | ta -10°÷ +40°C | III | 50 mm

RGBW





TRIOC P MR 16

Part Number	Colour	Lumen	Beam	I (typ)	V (typ)	W (typ)	Ø	Standard size
A40TRIOC4W00	RGB+W	1164	Wide 40°	4x350mA	9V	11,25W	50 mm	MR16
A40TRIOC4M00	RGB+W	1164	Medium 25°	4x350mA	9V	11,25W	50 mm	MR16
A40TRIOC4S00	RGB+W	1164	NO Lense 110°	4x350mA	9V	11,25W	50 mm	MR16

ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBOX435B**
RGBW Led Driver 350mA
Page: 201

Spot a LED di potenza RGBW - 350mA
- Led RGBW
- Si adatta ai faretti da incasso per lampadina dicroica Ø 50mm
- Fornito con cavo CB064, 30 cm, connettori AMP, 4 poli (M/F)

High Brightness RGBW LED spot - 350mA
- RGBW Led
- Suitable for being built in standard Ø 50mm downlights
- Delivered with CB064 lead, 30 cm 4 pins cables (M/F) with AMP connectors

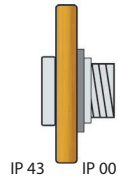
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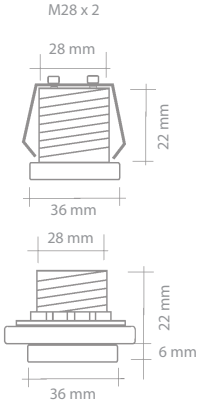
MET 28 RGB+W Metal Spot

3,75 Watt | CC | IP 43 | CE | EMC | M | M | F | t_a -10°÷ +40°C | III | 28 mm









Part Number	Colour	Lumen	Beam	I (typ)	V (typ)	W (typ)	Ø
A40MET284W00	RGB+W	388	Wide 40°	4x350mA	3V	3,75W	36 mm
A40MET284M00	RGB+W	388	Medium 25°	4x350mA	3V	3,75W	36 mm

ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBOX435B**
RGBW Led Driver 350mA
Page: 201

Spot a LED di potenza RGB+W - 3 x 350mA
- Led RGBW
- Si monta in un foro Ø 28mm. Fissaggio con ghiera o a pressione con molla.
- Fornito con cavi da 50 cm FEP
- Lente sigillata con guarnizione anti-vapore
- Luce Bianca 130 lm (rosso 80lm, verde 155lm, blu 130lm)

High Brightness RGB+W LED spot - 3 x 350mA
- RGBW Led
- Assembly into a Ø 28mm hole. Fixing by ring nut or by a pressure spring.
- Supplied with 0,5 m cables FEP
- The optic is sealed by a steamproof gasket
- White color 130 lm (Red 80lm, green 155lm, Blue 23lm)

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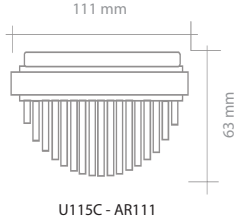
U115Color RGB+W AR111

18,75 Watt | CC | IP 40 | CE | EMC | M | M | F | t_a -10°÷ +40°C | III | 111 mm

RGBW







U115C - AR111

Part Number	Colour	Lumen	Beam	I (typ)	V (typ)	W (typ)	Ø	Standard size
A40U115C4W00	RGB+W	1940	Wide 45°	4x350mA	15V	18,75W	111 mm	AR111
A40U115C4M00	RGB+W	1940	Medium 30°	4x350mA	15V	18,75W	111 mm	AR111

ALIMENTATORE SUGGERITO:
RECOMMENDED DRIVER:



Codice/Code: **A40RGBOX435B**
RGBW Led Driver 350mA
Page: 201

Spot RGB+W a LED di potenza - 5 x 3 x 350mA
- Resa luminosa 1940 lumen
- Si adatta ai faretti da incasso per lampadina AR111, Ø 111mm
- Fornito con cavo CB064 connettori AMP, 4 poli (M/F)

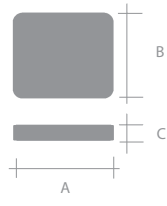
High Brightness RGB+W LED spot - 5 x 3 x 350mA
- Light power up 1940 lumen
- Suitable for being built in standard AR111 downlights, Ø 111mm
- Delivered with CB064, 4pin cables (M/F) with AMP connectors

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LVXRGB Voltage to Current Converter

3,6÷7,2 Watt | CC | IP 20 | CE | EMC | M | M | III | F 2A | t_a -10°÷ +40°C | 50 mm





Part Number	LED Min.	LED Max.	Input	OuTput	Dimensions A x B x C
A40LVXRGBOON	3 x 1	3 x 6*	3 x 12/24V/DC	3 x 350mA	50 x 48 x 11

* 11÷15V Max 3x3 Led - 22÷24V Max 6x3 Led

Datasheet download

Convertitori per LED di potenza RBG

- Alimentatore da incorporare - IP20 - Classe III di isolamento
- Entrata: tensione costante 3 x 12/24V PWM max 1KHz - Anodo comune.
- Uscita in corrente costante 3 x 350 mA, +/-10%
- Protezione autoripristinante contro le sovratemperature, contro il circuito aperto ed i corto-circuiti sul secondario.

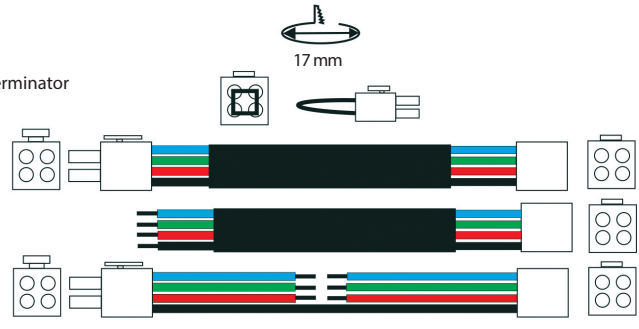
RGB Converters for High Brightness LEDs

- Built-in converter - IP20 - Insulation class III
- Input: steady voltage 3x 12/24V PWM max 1KHz - Common anode
- Output in steady current 3 x 350, +/-10%
- Self-resetting protection against overtemperatures, against open circuit and against output short circuits.

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! Polarità: I collegamenti devono essere realizzati rispettando la polarità e i colori.
Polarity: connections must always respect the cable polarity and the cables colors.

RGBOX System AMP Mini



ZCB058R00000	Mini Amp 4 poli	RGB System Terminator
ZCB056000000	PVC 4 x 0,50	100 cm Black
ZCB069000000	PVC 4 x 0,50	300 cm Black
ZCB062R00000	PVC 4 x 0,50	20 cm
ZCB064R00000	PVC 4 x 0,50	2 x 20 cm



ZCB09020000C	FEP 0,35	50 cm Blue
ZCB09020000R	FEP 0,35	50 cm Red
ZCB09020000G	FEP 0,35	50 cm Green
ZCB09020000N	FEP 0,35	50 cm Black

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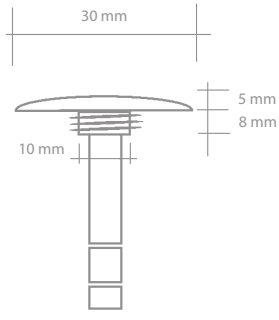
LED Modules



FLOOR Constant Current

1 Watt | CC | IP 66 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 10 mm | 3 Step





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	EEC**
A40FLOOR2700	2700K	119	Diffused	38	350 mA	2,9V	1W	D
A40FLOOR3000	3000K	123	Diffused	40	350 mA	2,9V	1W	D
A40FLOOR4000	4000K	130	Diffused	42	350 mA	2,9V	1W	C
A40FLOOR5000	5000K	150	Diffused	46	350 mA	2,9V	1W	C
A40FLOOR000C	BLUE	20	Diffused	n.d.	350 mA	3,1V	1W	
A40FLOOR000R	RED	40	Diffused	n.d.	350 mA	2,9V	1W	
A40FLOOR000V	GREEN	90	Diffused	n.d.	350 mA	3,1V	1W	
A40FLOOR000A	AMBER	50	Diffused	n.d.	350 mA	2,9V	1W	

** The EEC specification refers in each case to the instalLED light source(s)

Spot a LED di potenza - 350mA
- Resa luminosa 119÷150 lumen
- Si monta a pressione in un foro da Ø 10mm
- Fornito standard con cavo FROR da 1m. Variante con cavo FEP da 5m (variante 242)
- Disponibile nei colori standard 2700K, 3000K, 4000K e 5000K
- Calpestabile (max 90 Kg.)

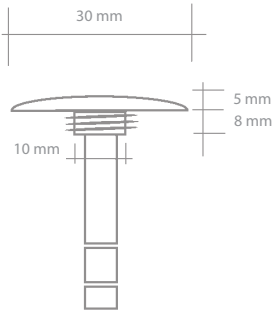
High Brightness LED spot - 350mA
- Light power 119÷150 lumen
- Pressure assembly into a Ø 10mm hole
- Supplied standard with 1m FROR cable or with 5 m FEP cable (subcode 242)
- Available in standard colours 2700K, 3000K, 4000K and 5000K
- Steppable (max 90 Kg.)

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PIN Constant Voltage

0,72 Watt | CV | IP 66 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 10 mm | 3 Step





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	EEC**
A40PIN123000	3000K	66	120°	14	60 mA	12V +/-5%	0,72 W	D
A40PIN124000	4000K	72	120°	16	60 mA	12V +/-5%	0,72 W	C

** The EEC specification refers in each case to the installED light source(s)

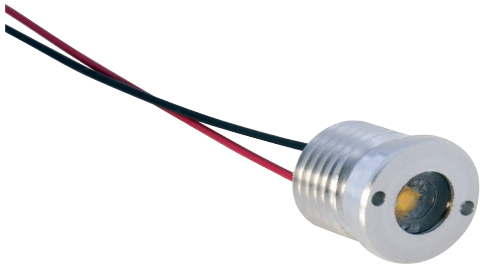
Spot a LED di potenza - 12V
- Resa luminosa 66÷72 lumen
- Si monta a pressione in un foro da Ø 10mm
- Fornito standard con cavo FROR da 1m. Variante con cavo FEP da 5m (variante 242)
- Disponibile nelle temperature di colore 3000K e 4000K
- Calpestabile (max 90 Kg.)

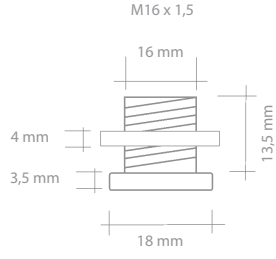
High Brightness LED spot - 12V
- Light power 66÷72 lumen
- Pressure assembly into a Ø 10mm hole
- Supplied standard with 1m FROR cable or with 5 m FEP cable (subcode 242)
- Available in 3000K and 4000K
- Steppable (max 90 Kg.)

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DOT Metal Spot

1 Watt | CC | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 16 mm | 3 Step





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	EEC**
A40DOT270000	2700K	119	60° Diffused	40	350 mA	2,9V	1W	16mm	D
A40DOT300000	3000K	123	60° Diffused	45	350 mA	2,9V	1W	16mm	D
A40DOT400000	4000K	130	60° Diffused	50	350 mA	2,9V	1W	16mm	C
A40DOT500000	5000K	150	60° Diffused	55	350 mA	2,9V	1W	16mm	C

** The EEC specification refers in each case to the installED light source(s)

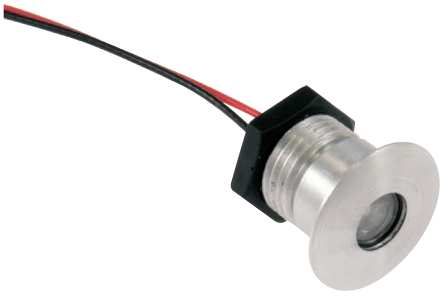
Spot a LED di potenza - 350mA
- Resa luminosa 119÷150 lumen
- Si monta in un foro da Ø 16mm con la ghiera in dotazione
- Fornito con cavo da 0,25 m
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

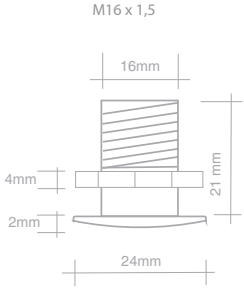
High Brightness LED spot - 350mA
- Light power 119÷150 lumen
- Assembly into a Ø 16mm hole. Shade ring included.
- Supplied with 0,25 m cable
- Available in standard colours 2700K, 3000K, 4000K and 5000K

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POD Metal Spot

1 Watt | CC | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 16 mm | 3 Step





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	EEC**
A40POD270000	2700K	119	60° Diffused	40	350 mA	2,9V	1W	16 mm	D
A40POD300000	3000K	123	60° Diffused	45	350 mA	2,9V	1W	16 mm	D
A40POD400000	4000K	130	60° Diffused	50	350 mA	2,9V	1W	16 mm	C
A40POD500000	5000K	150	60° Diffused	55	350 mA	2,9V	1W	16 mm	C

** The EEC specification refers in each case to the instalLED light source(s)

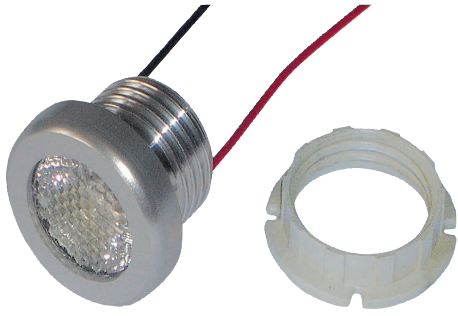
Spot a LED di potenza - 350mA
- Resa luminosa 119÷150 lumen
- Si monta in un foro da Ø 16mm con la ghiera/molla in dotazione
- Fornito con cavo da 0,25 m
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

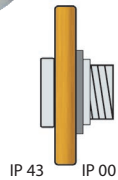
High Brightness LED spot - 350mA
- Light power 119÷150 lumen
- Assembly into a Ø 16mm hole. Shade ring/spring included.
- Supplied with 0,25 m cable
- Available in standard colours 2700K, 3000K, 4000K and 5000K

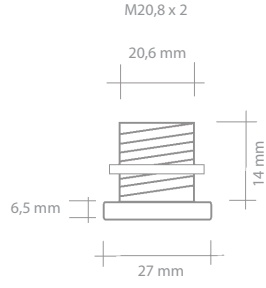
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MET 20 Metal Spot

1 Watt | CC | IP 43 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 21 mm







Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	EEC**
A40MET20W027	2700K	119	Wide 40°	140	350 mA	3,2V	1W	21 mm	D
A40MET20W030	3000K	123	Wide 40°	154	350 mA	3,2V	1W	21 mm	D
A40MET20W040	4000K	130	Wide 40°	162	350 mA	3,2V	1W	21 mm	C
A40MET20W050	5000K	150	Wide 40°	181	350 mA	3,2V	1W	21 mm	C
A40MET20M027	2700K	119	Medium 30°	320	350 mA	3,2V	1W	21 mm	D
A40MET20M030	3000K	123	Medium 30°	363	350 mA	3,2V	1W	21 mm	D
A40MET20M040	4000K	130	Medium 30°	429	350 mA	3,2V	1W	21 mm	C
A40MET20M050	5000K	150	Medium 30°	462	350 mA	3,2V	1W	21 mm	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 350mA

- Resa luminosa 119÷150 lumen
- Si monta in un foro da Ø 21mm con la ghiera in dotazione
- Fornito con cavo da 0,25 m
- Lente sigillata con guarnizione antivapore
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K e colorati.

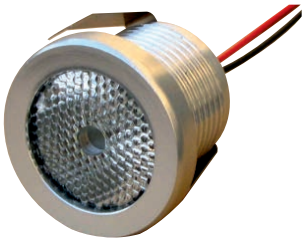
High Brightness LED spot - 350mA

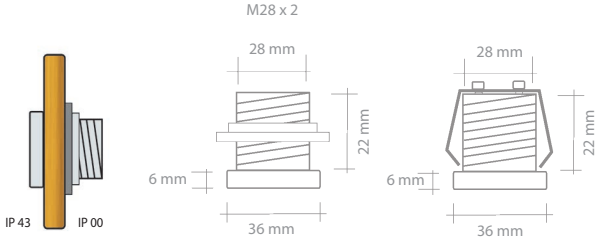
- Light power 119÷150 lumen
- Pressure assembly into a Ø 21mm hole. Shade ring included.
- Supplied with 0,25 m cable
- The optic is sealed by a steamproof gasket
- Color temperatures available: 2700K, 3000K, 4000K e 5000K. On request other LED colours

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MET 28 Metal Spot

2,2 Watt | CC | IP 43 | CRI>80 | CE | EMC | M | M | F | ta -20°÷ +40°C | III | 28 mm | 3 Step





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	EEC**
A40MET28W027	2700K	194	Wide 40°	440	700 mA	3,1V	2,2W	D
A40MET28W030	3000K	200	Wide 40°	470	700 mA	3,1V	2,2W	D
A40MET28W040	4000K	203	Wide 40°	480	700 mA	3,1V	2,2W	C
A40MET28W050	5000K	250	Wide 40°	520	700 mA	3,1V	2,2W	C
A40MET28M027	2700K	194	Medium 30°	595	700 mA	3,1V	2,2W	D
A40MET28M030	3000K	200	Medium 30°	640	700 mA	3,1V	2,2W	D
A40MET28M040	4000K	203	Medium 30°	660	700 mA	3,1V	2,2W	C
A40MET28M050	5000K	250	Medium 30°	740	700 mA	3,1V	2,2W	C

** The EEC specification refers in each case to the instalLED light source(s)

Spot a LED di potenza - 700mA

- Resa luminosa 194÷250 lumen
- Si monta in un foro Ø 28mm. Fissaggio con ghiera o a pressione con molla.
- Fornito con cavo da 0,25 m
- Lente sigillata con guarnizione anti-vapore
- Disponibile nei colori 2700K, 3000K, 4000K, 5000K e colorati.

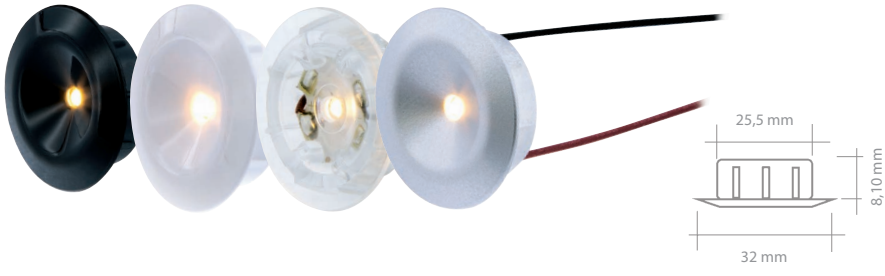
High Brightness LED spot - 700mA

- Light power 194÷250 lumen
- Assembly into a Ø 28mm hole. Fixing by shade ring or by pressure spring.
- Supplied with 0,25 m cable
- The optic is sealed by a steamproof gasket
- In standard selections 2700K, 3000K, 4000K, 5000K and coloured.

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MINI Classic

1 Watt | CC | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 24 mm | 3 Step



MINI

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	EEC**
A40MINI27000	2700K	119	Superwide 110°	48	350 mA	2,9V	1W	White	D
A40MINI30000	3000K	123	Superwide 110°	49	350 mA	2,9V	1W	White	D
A40MINI40000	4000K	130	Superwide 110°	50	350 mA	2,9V	1W	White	C
A40MINI50000	5000K	150	Superwide 110°	65	350 mA	2,9V	1W	White	C
A40MINI27010	2700K	119	Superwide 110°	48	350 mA	2,9V	1W	Transparent	D
A40MINI30010	3000K	123	Superwide 110°	49	350 mA	2,9V	1W	Transparent	D
A40MINI40010	4000K	130	Superwide 110°	50	350 mA	2,9V	1W	Transparent	C
A40MINI50010	5000K	150	Superwide 110°	65	350 mA	2,9V	1W	Transparent	C
A40MINI27020	2700K	119	Superwide 110°	48	350 mA	2,9V	1W	Black	D
A40MINI30020	3000K	123	Superwide 110°	49	350 mA	2,9V	1W	Black	D
A40MINI40020	4000K	130	Superwide 110°	50	350 mA	2,9V	1W	Black	C
A40MINI50020	5000K	150	Superwide 110°	65	350 mA	2,9V	1W	Black	C
A40MINI27030	2700K	119	Superwide 110°	48	350 mA	2,9V	1W	Titanium	D
A40MINI30030	3000K	123	Superwide 110°	49	350 mA	2,9V	1W	Titanium	D
A40MINI40030	4000K	130	Superwide 110°	50	350 mA	2,9V	1W	Titanium	C
A40MINI50030	5000K	150	Superwide 110°	65	350 mA	2,9V	1W	Titanium	C
A40MINI27040	2700K	119	Superwide 110°	48	350 mA	2,9V	1W	Chrome	D
A40MINI30040	3000K	123	Superwide 110°	49	350 mA	2,9V	1W	Chrome	D
A40MINI40040	4000K	130	Superwide 110°	50	350 mA	2,9V	1W	Chrome	C
A40MINI50040	5000K	150	Superwide 110°	65	350 mA	2,9V	1W	Chrome	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 350mA

- Resa luminosa 119÷150 lumen
- Si monta a pressione in un foro da Ø 24mm
- Fornito con cavo da 0,3 m e connettore MiniAmp.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K e colorati a richiesta.

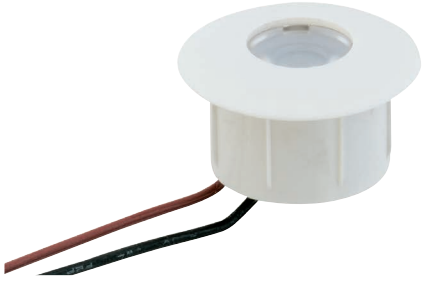
High Brightness LED spot - 350mA

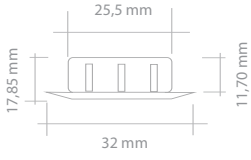
- Light power 119÷150 lumen
- Pressure assembly into a Ø 24mm hole
- Supplied with 0,3 m cable and Mini Amp connector
- Color temperatures available: 2700K, 3000K, 4000K and 5000K - On request other LED colours.

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MINI Wide

1 Watt | CC | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 24 mm





MINIW-Z

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	EEC**
A40MINIWZ027	2700K	119	Wide 40°	135	350 mA	2,9V	1W	White	D
A40MINIWZ030	3000K	123	Wide 40°	144	350 mA	2,9V	1W	White	D
A40MINIWZ040	4000K	130	Wide 40°	148	350 mA	2,9V	1W	White	C
A40MINIWZ050	5000K	150	Wide 40°	165	350 mA	2,9V	1W	White	C
A40MINIWZ127	2700K	119	Wide 40°	135	350 mA	2,9V	1W	Transparent	D
A40MINIWZ130	3000K	123	Wide 40°	144	350 mA	2,9V	1W	Transparent	D
A40MINIWZ140	4000K	130	Wide 40°	148	350 mA	2,9V	1W	Transparent	C
A40MINIWZ150	5000K	150	Wide 40°	165	350 mA	2,9V	1W	Transparent	C
A40MINIWZ227	2700K	119	Wide 40°	135	350 mA	2,9V	1W	Black	D
A40MINIWZ230	3000K	123	Wide 40°	144	350 mA	2,9V	1W	Black	D
A40MINIWZ240	4000K	130	Wide 40°	148	350 mA	2,9V	1W	Black	C
A40MINIWZ250	5000K	150	Wide 40°	165	350 mA	2,9V	1W	Black	C
A40MINIWZ327	2700K	119	Wide 40°	135	350 mA	2,9V	1W	Titanium	D
A40MINIWZ330	3000K	123	Wide 40°	144	350 mA	2,9V	1W	Titanium	D
A40MINIWZ340	4000K	130	Wide 40°	148	350 mA	2,9V	1W	Titanium	C
A40MINIWZ350	5000K	150	Wide 40°	165	350 mA	2,9V	1W	Titanium	C
A40MINIWZ427	2700K	119	Wide 40°	135	350 mA	2,9V	1W	Chrome	D
A40MINIWZ430	3000K	123	Wide 40°	144	350 mA	2,9V	1W	Chrome	D
A40MINIWZ440	4000K	130	Wide 40°	148	350 mA	2,9V	1W	Chrome	C
A40MINIWZ450	5000K	150	Wide 40°	165	350 mA	2,9V	1W	Chrome	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 350mA

- Resa luminosa 119÷150lumen
- Si monta a pressione in un foro da Ø 24mm
- Fornito con cavo da 0,3 m e connettore MiniAmp.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

High Brightness LED spot - 350mA

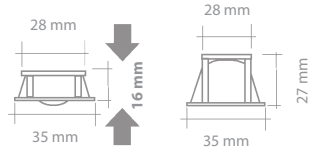
- Light power 119÷150 lumen
- Pressure assembly into a Ø 24mm hole
- Supplied with 0,3 m cable and Mini Amp connector
- Color temperatures available: 2700K, 3000K, 4000K and 5000K

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MONO

1 Watt | CC | IP 20 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III





MONOZF MR 11
Diffused

MONOZ 11
Diffused

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard sixe	EEC**
A40MONOZ27F0	2700K	119	Flat 45°	185	350 mA	3V	1W	35 mm	MR11	D
A40MONOZ30F0	3000K	123	Flat 45°	195	350 mA	3V	1W	35 mm	MR11	D
A40MONOZ40F0	4000K	130	Flat 45°	200	350 mA	3V	1W	35 mm	MR11	C
A40MONOZ27M0	2700K	119	Medium 30°	480	350 mA	3V	1W	35 mm	MR11	D
A40MONOZ30M0	3000K	123	Medium30°	570	350 mA	3V	1W	35 mm	MR11	D
A40MONOZ40M0	4000K	130	Medium 30°	600	350 mA	3V	1W	35 mm	MR11	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 350mA

- Resa luminosa 119÷130 lumen
- Adatti a sostituire faretti per lampadina dicroica Ø 35mm
- Fornito con cavo da 1 m e connettore MiniAmp
- Lente disponibile in due versioni: fascio medio (M) e fascio largo diffuso (Flat).
- Disponibile nei colori 2700K, 3000K e 4000K e colorati a richiesta.

High Brightness LED spot - 350mA

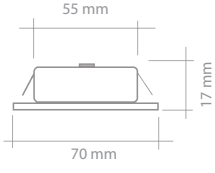
- Light power 119÷130 lumen
- Suitable for being built in standard Ø 35mm downlights
- Supplied with 1 m cable and Mini Amp connector
- Lens degrees available: medium beam (M) and wide diffused beam (Flat).
- Color temperatures available 2700K, 3000K and 4000K. On request other LED colours.

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UFO 12V

3,2 Watt | CV | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 55 mm





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	V (Typ)	V (Typ)	W	Housing	EEC**
A40UFO271200	2700K	315	Superwide 110°	77	12V	265mA	3,2W	White	E
A40UFO301200	3000K	320	Superwide 110°	88	12V	265mA	3,2W	White	E
A40UFO401200	4000K	340	Superwide 110°	94	12V	265mA	3,2W	White	E
A40UFO501200	5000K	355	Superwide 110°	99	12V	265mA	3,2W	White	E
A40UFO271210	2700K	315	Superwide 110°	77	12V	265mA	3,2W	Black	E
A40UFO301210	3000K	320	Superwide 110°	88	12V	265mA	3,2W	Black	E
A40UFO401210	4000K	340	Superwide 110°	94	12V	265mA	3,2W	Black	E
A40UFO501210	5000K	355	Superwide 110°	99	12V	265mA	3,2W	Black	E
A40UFO271220	2700K	315	Superwide 110°	77	12V	265mA	3,2W	Titanium	E
A40UFO301220	3000K	320	Superwide 110°	88	12V	265mA	3,2W	Titanium	E
A40UFO401220	4000K	340	Superwide 110°	94	12V	265mA	3,2W	Titanium	E
A40UFO501220	5000K	355	Superwide 110°	99	12V	265mA	3,2W	Titanium	E
A40UFO271230	2700K	315	Superwide 110°	77	12V	265mA	3,2W	Chrome	E
A40UFO301230	3000K	320	Superwide 110°	88	12V	265mA	3,2W	Chrome	E
A40UFO401230	4000K	340	Superwide 110°	94	12V	265mA	3,2W	Chrome	E
A40UFO501230	5000K	355	Superwide 110°	99	12V	265mA	3,2W	Chrome	E

** The EEC specification refers in each case to the instalLED light source(s)

Spot a LED di potenza - 12V

- Resa luminosa 315÷355 lumen - LED 5630
- Fornito con anello in vari colori con vetro opaco.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

High Brightness LED spot - 12V

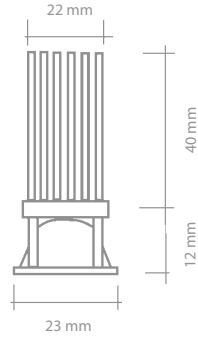
- Light power 315÷355 lumen - LED 5630
- Supplied with matt-glassed face plate. Different ring colours available
- Color temperatures available: 2700K, 3000K, 4000K e 5000K

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TRIO MR 8

3 Watt | CC | IP 20 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 23 mm | 3 Step





TRIO MR8
Diffused

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40TR0827W00	2700K	357	Wide 40°	374	350 mA	9,2V	3W	23 mm	MR8	D
A40TR0827M00	2700K	357	Medium 25°	890	350 mA	9,2V	3W	23 mm	MR8	D
A40TR0827N00	2700K	357	Narrow 12°	1300	350 mA	9,2V	3W	23 mm	MR8	D
A40TR0830W00	3000K	370	Wide 40°	335	350 mA	9,2V	3W	23 mm	MR8	D
A40TR0830M00	3000K	370	Medium 25°	820	350 mA	9,2V	3W	23 mm	MR8	D
A40TR0830N00	3000K	370	Narrow 12°	1380	350 mA	9,2V	3W	23 mm	MR8	D
A40TR0840W00	4000K	390	Wide 40°	400	350 mA	9,2V	3W	23 mm	MR8	C
A40TR0840M00	4000K	390	Medium 25°	890	350 mA	9,2V	3W	23 mm	MR8	C
A40TR0840N00	4000K	390	Narrow 12°	1500	350 mA	9,2V	3W	23 mm	MR8	C
A40TR0850W00	5000K	450	Wide 40°	472	350 mA	9,2V	3W	23 mm	MR8	C
A40TR0850M00	5000K	450	Medium 25°	1130	350 mA	9,2V	3W	23 mm	MR8	C
A40TR0850N00	5000K	450	Narrow 12°	1740	350 mA	9,2V	3W	23 mm	MR8	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 3 x 350mA

- Si adatta a faretti per lampadina dicroica Ø 23mm
- Fornito con cavo da 50 cm
- Lente disponibile in tre differenti versioni: fascio stretto, medio e largo.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

High Brightness LED spot - 3 x 350mA

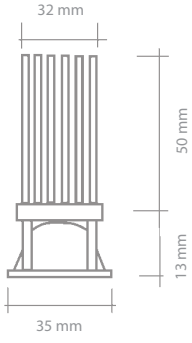
- Suitable for being built in standard Ø 23mm downlights
- Supplied with 50 cm cable
- Different lens degrees available: narrow, medium and wide beam.
- Available in standard colours 2700K, 3000K, 4000K and 5000K

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TRIO MR 11

3/4,6 Watt | CC | IP 20 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 35 mm | 3 Step





TRIO MR11
Diffused

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40TR1127W00	2700K	357	Wide 40°	860/1060	350/500 mA	9,2V	3/4,6W	35 mm	MR11	D
A40TR1127M00	2700K	357	Medium 25°	1130/1530	350/500 mA	9,2V	3/4,6W	35 mm	MR11	D
A40TR1127N00	2700K	357	Narrow 12°	3580/4800	350/500 mA	9,2V	3/4,6W	35 mm	MR11	D
A40TR1130W00	3000K	370	Wide 40°	960/1280	350/500 mA	9,2V	3/4,6W	35 mm	MR11	D
A40TR1130M00	3000K	370	Medium 25°	1290/1720	350/500 mA	9,2V	3/4,6W	35 mm	MR11	D
A40TR1130N00	3000K	370	Narrow 12°	4150/5250	350/500 mA	9,2V	3/4,6W	35 mm	MR11	D
A40TR1140W00	4000K	390	Wide 40°	1040/1400	350/500 mA	9,2V	3/4,6W	35 mm	MR11	C
A40TR1140M00	4000K	390	Medium 25°	1390/1840	350/500 mA	9,2V	3/4,6W	35 mm	MR11	C
A40TR1140N00	4000K	390	Narrow 12°	4490/5660	350/500 mA	9,2V	3/4,6W	35 mm	MR11	C
A40TR1150W00	5000K	450	Wide 40°	1140/1480	350/500 mA	9,2V	3/4,6W	35 mm	MR11	C
A40TR1150M00	5000K	450	Medium 25°	1580/2080	350/500 mA	9,2V	3/4,6W	35 mm	MR11	C
A40TR1150N00	5000K	450	Narrow 12°	5420/7100	350/500 mA	9,2V	3/4,6W	35 mm	MR11	C

** The EEC specification refers in each case to the instalLED light source(s)

Spot a LED di potenza - 3 x 350/500mA

- Si adatta a faretti per lampadina dicroica Ø 35mm
- Fornito con cavo da 50 cm
- Lente disponibile in tre differenti versioni: fascio stretto, medio e largo.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

High Brightness LED spot - 3 x 350/500mA

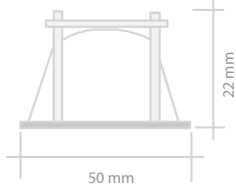
- Suitable for being built in standard Ø 35mm downlights
- Supplied with 50 cm cable
- Different lens degrees available: narrow, medium and wide beam.
- Available in standard colours 2700K, 3000K, 4000K e 5000K

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TRIO MR 16

3,15 Watt | CC | IP 20 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 50 mm | 3 Step





TRIO MR 16

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40TZ1627W00	2700K	357	Wide 40°	720	350 mA	8,7V	3,15W	50 mm	MR16	D
A40TZ1627M00	2700K	357	Medium 25°	1650	350 mA	8,7V	3,15W	50 mm	MR16	D
A40TZ1627N00	2700K	357	Narrow 8°	5510	350 mA	8,7V	3,15W	50 mm	MR16	D
A40TZ1630W00	3000K	370	Wide 40°	760	350 mA	8,7V	3,15W	50 mm	MR16	D
A40TZ1630M00	3000K	370	Medium 25°	1780	350 mA	8,7V	3,15W	50 mm	MR16	D
A40TZ1630N00	3000K	370	Narrow 8°	6180	350 mA	8,7V	3,15W	50 mm	MR16	D
A40TZ1640W00	4000K	390	Wide 40°	785	350 mA	8,7V	3,15W	50 mm	MR16	C
A40TZ1640M00	4000K	390	Medium 25°	1830	350 mA	8,7V	3,15W	50 mm	MR16	C
A40TZ1640N00	4000K	390	Narrow 8°	6410	350 mA	8,7V	3,15W	50 mm	MR16	C
A40TZ1650W00	5000K	450	Wide 40°	855	350 mA	8,7V	3,15W	50 mm	MR16	C
A40TZ1650M00	5000K	450	Medium 25°	2060	350 mA	8,7V	3,15W	50 mm	MR16	C
A40TZ1650N00	5000K	450	Narrow 8°	7140	350 mA	8,7V	3,15W	50 mm	MR16	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 3 x 350mA

- Si adatta a faretti per lampadina dicroica Ø 50 mm
- Fornito con cavo da 50 cm
- Lente disponibile in tre differenti versioni: fascio stretto, medio e largo.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

High Brightness LED spot - 3 x 350mA

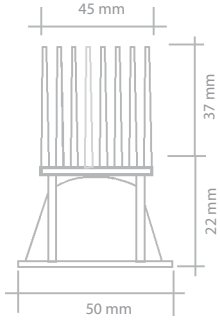
- Suitable for being built in standard Ø 50 mm downlights
- Supplied with 50 cm cable
- Different lens degrees available: narrow, medium and wide beam.
- Color temperatures available: 2700K, 3000K, 4000K and 5000K

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TRIO Power MR 16

6,5 Watt | CC | IP 20 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 50 mm | 3 Step





TRIO POWER MR16

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40TZ1627WP0	2700K	582	Wide 40°	1200	700 mA	9,3V	6,5W	50 mm	MR16	D
A40TZ1627MP0	2700K	582	Medium 25°	2730	700 mA	9,3V	6,5W	50 mm	MR16	D
A40TZ1627NP0	2700K	582	Narrow 8°	9300	700 mA	9,3V	6,5W	50 mm	MR16	D
A40TZ1630WP0	3000K	600	Wide 40°	1280	700 mA	9,3V	6,5W	50 mm	MR16	D
A40TZ1630MP0	3000K	600	Medium 25°	3020	700 mA	9,3V	6,5W	50 mm	MR16	D
A40TZ1630NP0	3000K	600	Narrow 8°	10350	700 mA	9,3V	6,5W	50 mm	MR16	D
A40TZ1640WP0	4000K	610	Wide 40°	1320	700 mA	9,3V	6,5W	50 mm	MR16	C
A40TZ1640MP0	4000K	610	Medium 25°	3120	700 mA	9,3V	6,5W	50 mm	MR16	C
A40TZ1640NP0	4000K	610	Narrow 8°	10800	700 mA	9,3V	6,5W	50 mm	MR16	C
A40TZ1650WP0	5000K	750	Wide 40°	1430	700 mA	9,3V	6,5W	50 mm	MR16	C
A40TZ1650MP0	5000K	750	Medium 25°	3470	700 mA	9,3V	6,5W	50 mm	MR16	C
A40TZ1650NP0	5000K	750	Narrow 8°	12300	700 mA	9,3V	6,5W	50 mm	MR16	C

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 3 x 700mA

- Si adatta a faretti per lampadina dicroica Ø 50 mm
- Fornito con cavo da 50 cm
- Lente disponibile in tre differenti versioni: fascio stretto, medio e largo.
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

High Brightness LED spot - 3 x 700mA

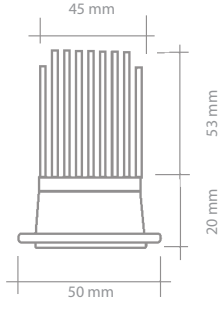
- Suitable for being built in standard Ø 50 mm downlights
- Supplied with 50 cm cable
- Different lens degrees available: narrow, medium and wide beam.
- Color temperatures available: 2700K, 3000K, 4000K and 5000K

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SPOTTY Evolution CC

9 Watt | CC | CRI>80 | IP 40 | CE | EMC | M | M | F | ta -20°÷ +40°C | II | 50 mm | 3 Step





MR 16

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40SPEV27W00	2700K	1260	Wide 42°	1210	250 mA	36V	9W	50 mm	MR16	E
A40SPEV30W00	3000K	1290	Wide 42°	1250	250 mA	36V	9W	50 mm	MR16	E
A40SPEV40W00	4000K	1365	Wide 42°	1350	250 mA	36V	9W	50 mm	MR16	E
A40SPEV27S00	2700K	1260	SuperWide 90°	530	250 mA	36V	9W	50 mm	MR16	E
A40SPEV30S00	3000K	1290	SuperWide 90°	550	250 mA	36V	9W	50 mm	MR16	E
A40SPEV40S00	4000K	1365	SuperWide 90°	600	250 mA	36V	9W	50 mm	MR16	E

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 250mA
- Sostituisce la classica lampadina dicroica 50mm (50W 38°)
- Riflettore ad alte prestazioni con vetro di protezione integrato
- Alimentatore PLK113 o PUL042
- Disponibile nei colori 2700K, 3000K e 4000K
- Fornito con cavo da 30cm + mini amp plug

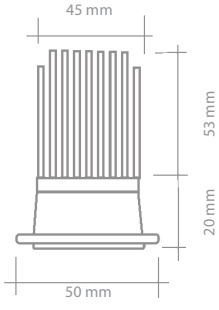
High Brightness LED spot - 250mA
- Suitable for replacement of standard Ø50mm downlights (50W 38°)
- High-performing reflector with integrated protection glass
- Driver: PLK113 or PUL042
- Available in white colours: 2700K, 3000K and 4000K
- Supplied with 30cm cable + mini amp plug

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SPOTTY Evolution DC

9 Watt | CV | CRI>80 | IP 40 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II | 50 mm | 3 Step





MR 16

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40SPEV27WDC	2700K	1260	Wide 42°	1210	400 mA	24V	9W	50 mm	MR16	E
A40SPEV30WDC	3000K	1290	Wide 42°	1250	400 mA	24V	9W	50 mm	MR16	E
A40SPEV40WDC	4000K	1365	Wide 42°	1350	400 mA	24V	9W	50 mm	MR16	E
A40SPEV27SDC	2700K	1260	SuperWide 90°	530	400 mA	24V	9W	50 mm	MR16	E
A40SPEV30SDC	3000K	1290	SuperWide 90°	550	400 mA	24V	9W	50 mm	MR16	E
A40SPEV40SDC	4000K	1365	SuperWide 90°	600	400 mA	24V	9W	50 mm	MR16	E

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 24V/DC
- Sostituisce la classica lampadina dicroica 50mm (50W 38°)
- Riflettore ad alte prestazioni con vetro di protezione integrato
- Alimentazione: 24V DC con convertitore LVB integrato
- Disponibile nei colori 2700K, 3000K e 4000K

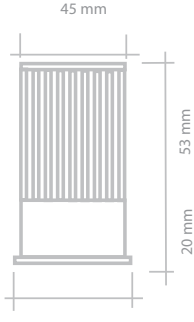
High Brightness LED spot - 24V/DC
- Suitable for replacement of standard Ø 50 mm downlights (50W 38°)
- High-performing reflector with integrated protection glass
- Powered at 24VDC with DC converter LVB included
- Available in standard colours: 2700K, 3000K and 4000K

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SPOTTY ECO KIT

9 Watt | CC | CRI>80 | IP 40 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II | 50 mm





MR 16

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40KSPE9W030	3000K	1045	Wide 36°	1510	250 mA	36V	9W	50 mm	MR16	G

** The EEC specification refers in each case to the installED light source(s)

Kit con spot a LED di potenza
- Sostituisce la classica lampadina dicroica 50mm
- Riflettore con vetro di protezione integrato a luce diffusa
- Alimentatore con fermacavi e con connettore rapido
- Realizzato in alluminio pressofuso

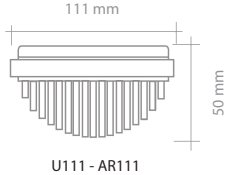
High Brightness KIT LED spot
- Suitable for replacement of standard Ø50mm downlights
- Reflector with integrated protection glass - diffused light
- Driver with cable clamp and fast connector
- Made of die-cast aluminum

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U111 VB Variable Beam

16 Watt | CC | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II | 111 mm | 3 Step





U111 - AR111

Part Number	CCT (K)	Lumen Typ.	Lux @1m 25°	Lux@1m 40°	Lux@1m 65°	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40U11127VB0	2700K	1358	4810	2680	1620	700 mA	23V	16W	111 mm	AR111	E
A40U11130VB0	3000K	1400	5150	2780	1650	700 mA	23V	16W	111 mm	AR111	D
A40U11140VB0	4000K	1421	5220	2820	1660	700 mA	23V	16W	111 mm	AR111	D
A40U11150VB0	5000K	1750	5450	2980	1730	700 mA	23V	16W	111 mm	AR111	D

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - 7 x 700mA
- Lente a fascio variabile da 25°÷65° in tre posizioni fisse Assemblaggio standard con lente da 40°
- Si adatta a faretti per lampadina AR111
- Fornito con cavo da 1m e connettore MiniAmp
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

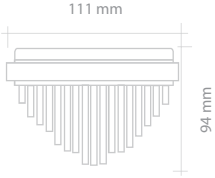
High Brightness LED spot - 7 x 700mA
- Adjustable lens beam 25°÷65° in three preset positions Preset beam in factory: 40°
- Suitable for being built in standard AR111 downlights
- Supplied with 1m cable and Mini Amp connector
- Available in standard colours: 2700K, 3000K, 4000K and 5000K

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U226 & U224

26 Watt | CC | IP 40 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II | 111 mm | 3 Step





AR111

Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Ø	Standard Size	EEC**
A40U22627SW0	2700K	3600	Superwide 70°	1997	700 mA	37V	26W	111 mm	AR111	D
A40U22627W00	2700K	3600	Wide 45°	2640	700 mA	37V	26W	111 mm	AR111	D
A40U22630SW0	3000K	3764	Superwide 70°	2128	700 mA	37V	26W	111 mm	AR111	D
A40U22630W00	3000K	3764	Wide 45°	2822	700 mA	37V	26W	111 mm	AR111	D
A40U22640SW0	4000K	3924	Superwide 70°	2255	700 mA	37V	26W	111 mm	AR111	D
A40U22640W00	4000K	3924	Wide 45°	3064	700 mA	37V	26W	111 mm	AR111	D
A40U22650SW0	5000K	4200	Superwide 70°	2370	700 mA	37V	26W	111 mm	AR111	D
A40U22650W00	5000K	4200	Wide 45°	3300	700 mA	37V	26W	111 mm	AR111	D
A40U22427SW0	2700K	3600	Superwide 70°	1997	1100 mA	24V	26W	111 mm	AR111	D
A40U22427W00	2700K	3600	Wide 45°	2640	1100 mA	24V	26W	111 mm	AR111	D
A40U22430SW0	3000K	3764	Superwide 70°	2128	1100 mA	24V	26W	111 mm	AR111	D
A40U22430W00	3000K	3764	Wide 45°	2822	1100 mA	24V	26W	111 mm	AR111	D
A40U22440SW0	4000K	3924	Superwide 70°	2255	1100 mA	24V	26W	111 mm	AR111	D
A40U22440W00	4000K	3924	Wide 45°	3064	1100 mA	24V	26W	111 mm	AR111	D
A40U22450SW0	5000K	4200	Superwide 70°	2370	1100 mA	24V	26W	111 mm	AR111	D
A40U22450W00	5000K	4200	Wide 45°	3300	1100 mA	24V	26W	111 mm	AR111	D

** The EEC specification refers in each case to the installED light source(s)

Spot a LED di potenza - AR111

- Alimentazione in corrente costante 0,7A
- Si adatta in sedi per lampadina dicroica AR111 Ø 111mm con retro aperto
- Versione disponibile con convertitore sul cavo 24V DC (U224)
- Riflettore interno wide 45° o super wide 70°
- Disponibile nei colori 2700K, 3000K, 4000K e 5000K

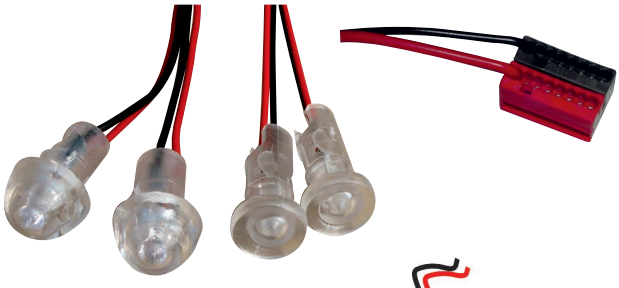
High Brightness LED spot - AR111

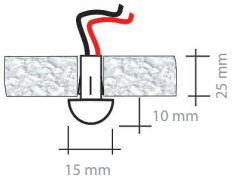
- Powered at 700mA
- Suitable for being built in standard Ø111mm AR111 downlights with open back.
- 24V DC version (U224) available, with converter cartridge
- Fitted with built-in reflector 45° wide or super wide 70° optic
- Available in white colours 2700K, 3000K , 4000K and 5000K

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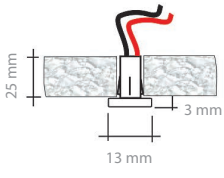
Decor-Led 12V DC

0,24 Watt | CV | IP 42 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | SPOT12A/B 0 9 mm





SPOT12B



SPOT12A

Part Number	CCT (K)	Beam	Lux @1m	I (Typ)	V (Typ)	W	Dimensions
A40SPOT12A0B	6300K	15°	11	20 mA	12VDC	0,24W	25 mm x Ø 9
A40SPOT12A0B	6300K	15°	11	20 mA	12VDC	0,24W	25 mm x Ø 9
ZMO00120GR00	CNK07 morsettiera col. grigio / grey terminal block						
ZMO00130RO00	CNK07 morsettiera col. rosso / red terminal block						

** The EEC specification refers in each case to the instalLED light source(s)

Sistemi decorativi a LED

- Minispot 12V/DC, 20mA - Luce bianca (a richiesta, con luce blu)
- Fornito con cavi 25cm per connessioni multiple sugli speciali morsetti rapidi polarizzati
- Alta resa luminosa - Consumo 0,24W per spot.
- Alimentazione 12V da batteria o alimentatore stabilizzato a tensione costante

LED Decorative systems

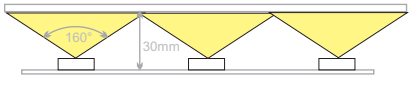
- Minispot 12V/DC, 20mA - White light (available in blue)
- Suppplied with 25cm cables for multiple connection to specially polarized
- High light efficency - Consumption of 0,24W for every spot.
- Alimentazione 12V da batteria o alimentatore stabilizzato a tensione costante

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Back Light BAR 24V

15,5W Watt | CV | IP 00 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II | 20 mm | Dimmable





50 mm

18 mm



Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Dimensions	EEC**
A40KBACK155B	6000K	1400	160°	nd	650 mA	24V	15,5W	1100 x 850 x 75	G
A40KBACK155N	4000K	1400	160°	nd	650 mA	24V	15,5W	1100 x 850x 75	G

** The EEC specification refers in each case to the installLED light source(s)

Barra a LED per retroilluminazione - 24V

- Retroilluminazione di scritte pubblicitarie, pannelli
- Lente 160° per retroilluminazione. Uniformità di luce garantita da 30mm
- Disponibile nei colori 4000K e 6000K
- Kit composto da 10 barre Led già cablate con doppio cavo
- Barra d'alluminio autodissipante composta da 22 led, con fori di fissaggio 3mm - Sezionabile ogni 50 mm

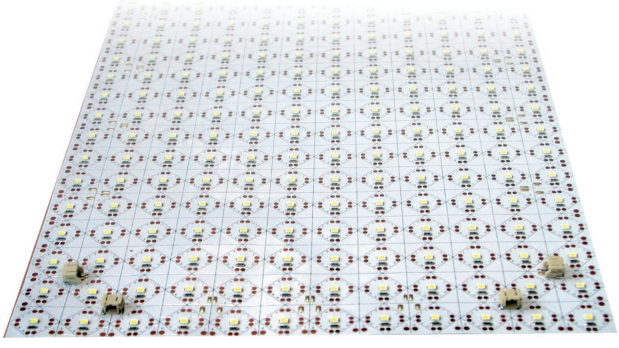
LED bar for backlighting - 24V

- Specific for advertising boxes and panels
- Equipped with 160° lens for thin boxes backlighting. Uniform light granted by 30mm
- Available in colors 4000K and 6000K
- Kit made of 10 LED bars, already equipped with double cable
- Self dissipating aluminium bar, made up of 22 led, with 3mm fixing holes - cuttable every 50mm

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Back Light PANEL 24V - LED 2835

36W Watt | CV | IP 00 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II | Dimmable



Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Dimensions	EEC**
A40BACK3600W	3200K	3800	120°	1000	1450mA	24V	36W	500 x 240 x 1	F
A40BACK3600B	6000K	3850	120°	1100	1450 mA	24V	36W	500 x 240 x 1	F
A40BACK3600N	4000K	3850	120°	1100	1450 mA	24V	36W	500 x 240 x 1	F

** The EEC specification refers in each case to the installED light source(s)

Foglio a LED per retroilluminazione - 24V
- 300 led 2835
- Uniformità di luce a 2cm
- Possibilità di collegamento in parallelo (max 6 fogli)
- Foglio flessibile in rame autodissipante. Verificare la temperatura di funzionamento per la diversa capacità di dissipazione del calore dei materiali su cui può essere applicato.
- Sezionabile ad ogni singolo led, 0,12W 13lm

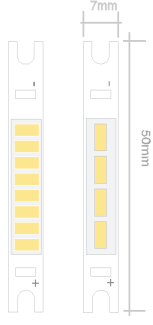
LED flexible sheet for backlighting - 24V
- 300 leds 2835
- Light uniformity at 2cm.
- Parallel connection of max 6 sheets
- Copper self dissipating flexible sheet. Verify the operating temperature owing to the different heat dissipation of the material where is mounted on.
- Cuttable every led, 0,12W - 13lm

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LUX Linear Module LED 5630

2,3/4,5 Watt | CC | IP 00 | CRI>80 | CE | M | M | F | t_a -20°÷ +40°C | III | 8 mm





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Dimensions	EEC**
A40LUX235027	2700K	297	120°	80	350 mA	6,4V	2,3W	50 x 7 x 2,7	E
A40LUX23500W	3000K	297	120°	88	350 mA	6,4V	2,3W	50 x 7 x 2,7	E
A40LUX23500N	4000K	305	120°	97	350 mA	6,4V	2,3W	50 x 7 x 2,7	E
A40LUX23500B	5000K	320	120°	160	350 mA	6,4V	2,3W	50 x 7 x 2,7	E
A40LUX470027	2700K	595	120°	160	700 mA	6,4V	4,5W	50 x 7 x 2,7	E
A40LUX47000W	3000K	595	120°	176	700 mA	6,4V	4,5W	50 x 7 x 2,7	E
A40LUX47000N	4000K	605	120°	198	700 mA	6,4V	4,5W	50 x 7 x 2,7	E
A40LUX47000B	5000K	640	120°	220	700 mA	6,4V	4,5W	50 x 7 x 2,7	E
A40LUX435027	2700K	595	120°	160	350 mA	12,8V	4,5W	50 x 7 x 2,7	E
A40LUX43500W	3000K	595	120°	176	350 mA	12,8V	4,5W	50 x 7 x 2,7	E
A40LUX43500N	4000K	605	120°	198	350 mA	12,8V	4,5W	50 x 7 x 2,7	E
A40LUX43500B	5000K	640	120°	220	350 mA	12,8V	4,5W	50 x 7 x 2,7	E

** The EEC specification refers in each case to the installED light source(s)

Led di potenza a basso profilo

- Led 5630 ad alto rendimento luminoso
- Fornito senza cavi. Combinazioni pre-cablate a richiesta.
- Disponibile nelle temperature 2700K, 3000K , 4000K e 5000K.
- Predisposizione per fissaggio a vite su dissipatore esterno.

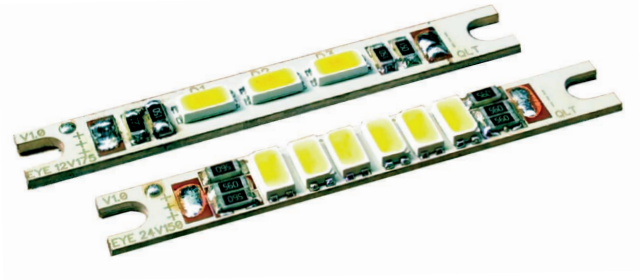
High Brightness low profile LED module

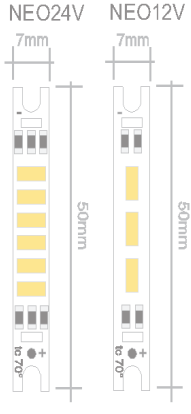
- High efficiency Led 5630
- Supplied without cables. Other versions with cables on request.
- Available in 2700K, 3000K , 4000K and 5000K colour temperatures.
- Screw holes suitable for coupling with additional heat sink.

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NEO Linear Module LED 5630

2,1/3,6 Watt | CV | IP 00 | CRI>80 | CE | M | M | F | t_a -20°÷ +40°C | III | 8/11 mm





Part Number	CCT (K)	Lumen Typ.	Beam	Lux @1m	I (Typ)	V (Typ)	W	Dimensions	EEC**
A40NEO362427	2700K	385	120°	83	150 mA	24V	3,6W	50 x 7 x 2,7	F
A40NEO36240W	3000K	385	120°	83	150 mA	24V	3,6W	50 x 7 x 2,7	F
A40NEO36240N	4000K	396	120°	105	150 mA	24V	3,6W	50 x 7 x 2,7	F
A40NEO36240B	5000K	420	120°	125	150 mA	24V	3,6W	50 x 7 x 2,7	F
A40NEO211227	2700K	220	120°	60	175 mA	12V	2,1W	50 x 7 x 2,7	G
A40NEO21120W	3000K	220	120°	60	175 mA	12V	2,1W	50 x 7 x 2,7	G
A40NEO21120N	4000K	230	120°	65	175 mA	12V	2,1W	50 x 7 x 2,7	G
A40NEO21120B	5000K	240	120°	75	175 mA	12V	2,1W	50 x 7 x 2,7	G

** The EEC specification refers in each case to the installED light source(s)

Led di potenza a basso profilo

- Adatto a realizzare illuminazione lineare, collegamento parallelo
- Fornito senza cavi, combinazioni pre-cablate a richiesta.
- Disponibile nelle temperature 2700K, 3000K, 4000K e 5000K • Sedi per viti adatte al montaggio su dissipatore esterno

High Brightness low profile LED module

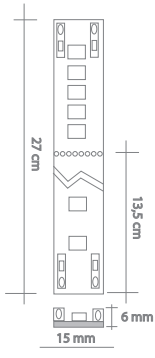
- Suitable for building linear Led fixtures
- Supplied without cables. Other versions with cables on request
- Available in 2700K, 3000K, 4000K and 5000K colour temperatures
- Screw holes suitable for coupling with additional heat sink.

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High Power LED BAR 24V - LED 5630

5÷10 Watt | CV | IP 00 | CRI>80 | CE | EMC | M | M | F | ta -20°÷ +40°C | II





Part Number	CCT (K)	Lumen Typ.	Lux @1m	V (Typ)	I max	W	Dimensions	EEC**
A40BAR052427	2700K	575	150	24VDC	210 mA	5W	270 x 15 x 6	F
A40BAR05240W	3000K	605	155	24VDC	210 mA	5W	270 x 15 x 6	E
A40BAR05240N	4000K	635	165	24VDC	210 mA	5W	270 x 15 x 6	E
A40BAR05240B	5000K	655	172	24VDC	210 mA	5W	270 x 15 x 6	E
A40BAR102427	2700K	1145	286	24VDC	420 mA	10W	270 x 15 x 6	F
A40BAR10240W	3000K	1210	292	24VDC	420 mA	10W	270 x 15 x 6	E
A40BAR10240N	4000K	1265	308	24VDC	420 mA	10W	270 x 15 x 6	E
A40BAR10240B	5000K	1309	320	24VDC	420 mA	10W	270 x 15 x 6	E

** The EEC specification refers in each case to the installED light source(s)

Strisce LED 24VDC per uso professionale

- Adatto ad applicazioni professionali con flussi luminosi oltre 5000 lumen metro
- Utilizza LED 5630
- Alimentazione 24V, +3% -10%
- Per installazione su profili d'alluminio, possibilità di sezionare il modulo
- Morsetti rapidi di collegamento e giunzione fino a 11 moduli con alimentazione da un lato; 22 moduli con alimentazione da entrambi i lati.
- Disponibile nei colori standard 2700K, 3000K, 4000K e 5000K

24VDC rigid LED BAR for professional use

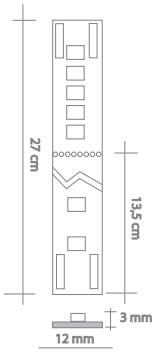
- Suitable for professional applications requiring more than 5000 lumen per metre
- LED 5630
- 24V operation, +3% -10 %
- For installation in aluminium profiles; possibility of sectioning the module
- Fast terminals for connection and junction up to 11 modules (powered by one side); 22 modules (powered by both sides)
- Available in 2700K, 3000K, 4000K e 5000K

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High Power Alu LED BAR 24V - LED 5630

16 Watt | CV | IP 00 | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | II





Part Number	CCT (K)	Lumen Typ.	Lux @1m	V (Typ)	I max	W	Dimensions	EEC**
A40BAR162427	2700K	1585	440	24VDC	660 mA	16W	270 x 12 x 3	F
A40BAR16240W	3000K	1660	485	24VDC	660 mA	16W	270 x 12 x 3	F
A40BAR16240N	4000K	1705	506	24VDC	660 mA	16W	270 x 12 x 3	F
A40BAR16240B	5000K	1785	550	24VDC	660 mA	16W	270 x 12 x 3	F

** The EEC specification refers in each case to the installED light source(s)

Strisce rigide a LED 24VDC per uso professionale

- Adatto ad applicazioni professionali con flussi luminosi oltre 5000 lumen metro
- Installazione su profili di alluminio per la dissipazione termica
- Utilizza LED 5630
- Alimentazione 24V, +3% -10%
- Piazzole per saldatura cavi e collegamento in serie fino a 9 moduli con alimentazione su un lato; 18 moduli con alimentazione da entrambi i lati (cavi a richiesta)
- Disponibile nei colori standard 2700K, 3000K, 4000K e 5000K

24VDC rigid LED BAR for professional use

- Suitable for professional applications requiring more than 5000 lumen per metre
- Installation in Alu Led profiles for warm dissipation
- LED 5630
- 24V operation, +3% -10 %
- Soldering pads for cables and connection in series up to 9 modules powered by one side; 18 modules powered by both sides (cables on request)
- Available in 2700K, 3000K, 4000K e 5000K

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MOD Constant Current Linear LED modules

6-24 Watt | CC | IP 00 | CRI>80 | CE | EMC | M | M | F | ta -20°÷ +50°C | III | Dimmable





Part Number	CCT (K)	Lumen Typ.	Led No	I (Typ)	V (Typ)	W	Dimensions A x B x H	EEC**
A40MOD281630	3000K	960	16	525mA	12V	6W	280 x 20 x 6	D
A40MOD281640	4000K	960	16	525mA	12V	6W	280 x 20 x 6	D
A40MOD283230	3000K	1200	32	1050mA	12V	12W	280 x 20 x 6	F
A40MOD283240	4000K	1200	32	1050mA	12V	12W	280 x 20 x 6	F
A40MOD563230	3000K	1920	32	525mA	24V	12W	560 x 20 x 6	D
A40MOD563240	4000K	1920	32	525mA	24V	12W	560 x 20 x 6	D
A40MOD566430	3000K	3840	64	1050mA	24V	24W	560 x 20 x 6	D
A40MOD566440	4000K	3840	64	1050mA	24V	24W	560 x 20 x 6	D

** The EEC specification refers in each case to the installED light source(s)

Moduli Lineari a LED a corrente costante
- Schede Led compatibili ZHAGA a corrente costante
- Led 2835 alta efficienza
- Disponibile nei colori 3000K e 4000K, 3 step Mac Adam
- Autodissipante
- Morsetti rapidi di collegamento
- Compatibile con ottiche standard Ledil e Khatod

Linear LED modules in constant current
- ZHAGA compatible constant current led modules
- High efficiency Led 2835
- Available in colors 3000K and 4000K, 3 steps Mac Adam
- Self dissipating
- Fast connection terminals
- Compatible with standard LEDIL and KHATOD optics

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PCB Led Modules

Componenti e Accessori
Components and Accessories
Komponenten und Zübehore

Composants et Accessoires
Componentes y Accessorios



A40STARZxx00

350 mA 119÷150lm
700 mA 194÷250lm

COLORS 2700K...5000K

STARZ 3535



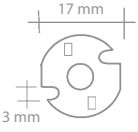


A40STAR12xx0
12V 72÷81lm

COLORS 2700K...5000K

STAR12





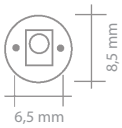
A40AL17Zxx00

350 mA 119÷150lm
700 mA 194÷250lm

COLORS 2700K...5000K

AL17 Z

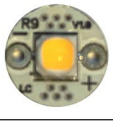




A40R9Zxx0000
350 mA 119-150lm

COLORS 2700K...5000K

R9 Z





A40STARQxx00
350 mA 119÷150lm
700 mA 194÷250lm

COLORS 2700K...5000K

STARQ 3535

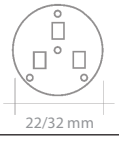




A40TZ16xxS
350 mA 357÷450lm
700 mA 582÷750lm

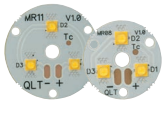
TZ-S

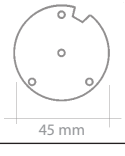




A40TR08/11S
ANSI MR8/11 Module
350 mA 270÷390lm
700 mA 440÷640lm

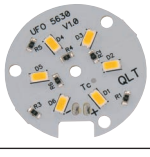
TR08/11S





A40UFOxx12S
12V 315÷355lm

UFO12_S



ZAC160126A00

Silicone heat sink compound
0,73 W/m K° 30 ml



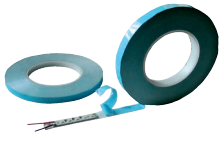
ZAC160126B00

Loctite EA9497



Adesivo termoconduttivo 0,7 W/mK°
Thermally adhesive tape 0,7 W/mK°

ZVRTAPE15000 25m x 10 mm
ZVRTAPE3M000 50m x 10 mm



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Accessories

Cavi e connettori
Cables & Connectors

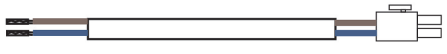
ZPLTH200E2E0	IP 67 Connection Box with accessories	

ZCB04000000B	Mini AMP 6 connector with 50cm 2 x 0,75 PVC White	

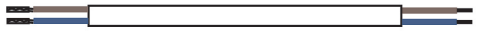
ZCB050F00000	FEP 0,35mm 33cm	Red /Black
ZCB051000000	FEP 0,75mm 25cm	Red /Black
ZCB070F00000	FEP 0,35mm 100cm	Red / Black
ZCB070F20000	FEP 0,35mm 200cm	Red / Black
ZCB073F00000	FEP 0,35mm 500cm	Red / Black



ZCB05300000B	PVC 2 x 0,75 100cm	White



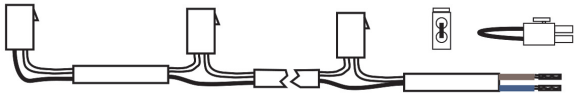
ZCB05400000B	PVC 2 x 0,75 100cm	White
ZCB072000000	FROR 2 x 0,50 100cm	Grey Outdoor
ZCB080000000	RN-F H05 2 x 0,75 100cm	Black Outdoor



ZCB08300000N	PVC 0,5mm 22cm	Black
ZCB08400000R	PVC 0,5mm 22cm	Red
ZCB09000000x	FEP 0,35mm 25cm	Red-Black
ZCB05200000x	FEP 0,75mm 25cm	Red /Black
ZCB09020000x	FEP 0,35mm 50cm	Red-Green-Blue-Black
ZCB09040000x	FEP 0,35mm 2m	Red-Black
ZCB09030000x	FEP 0,35mm 100cm	Red-Black
ZCB09120000x	FEP 0,75mm 50cm	Red-Black
ZCB06300000B	SIL 0,75mm 40cm	White
ZCB03900000B	SIL 1,5mm 40cm	White
ZCB03800000R	SIL 0,75mm 25cm	Red



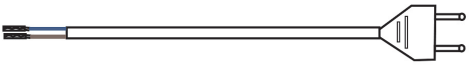
ZCB01900000B	PVC 2 x 0,75 35 cm	White 1 AMP
ZCB042000000	PVC 2 x 0,75 50+50cm	White 2 AMP
ZCB043000000	PVC 2 x 0,75 3 x 50cm	White 3 AMP
ZCB065000000	PVC 2 x 0,75 5 x 50cm	White 5 AMP
ZCB067000000	PVC 2 X 0,75 9 x 50cm	White 9 AMP
ZCB032000000	Mini Amp Jumper	



ZCB621000000	PVC 2 x 0,75 100 + 50cm Trasp. ON/OFF	
ZCB620000000	PVC 2 x 0,75 100 + 50cm Black ON/OFF	

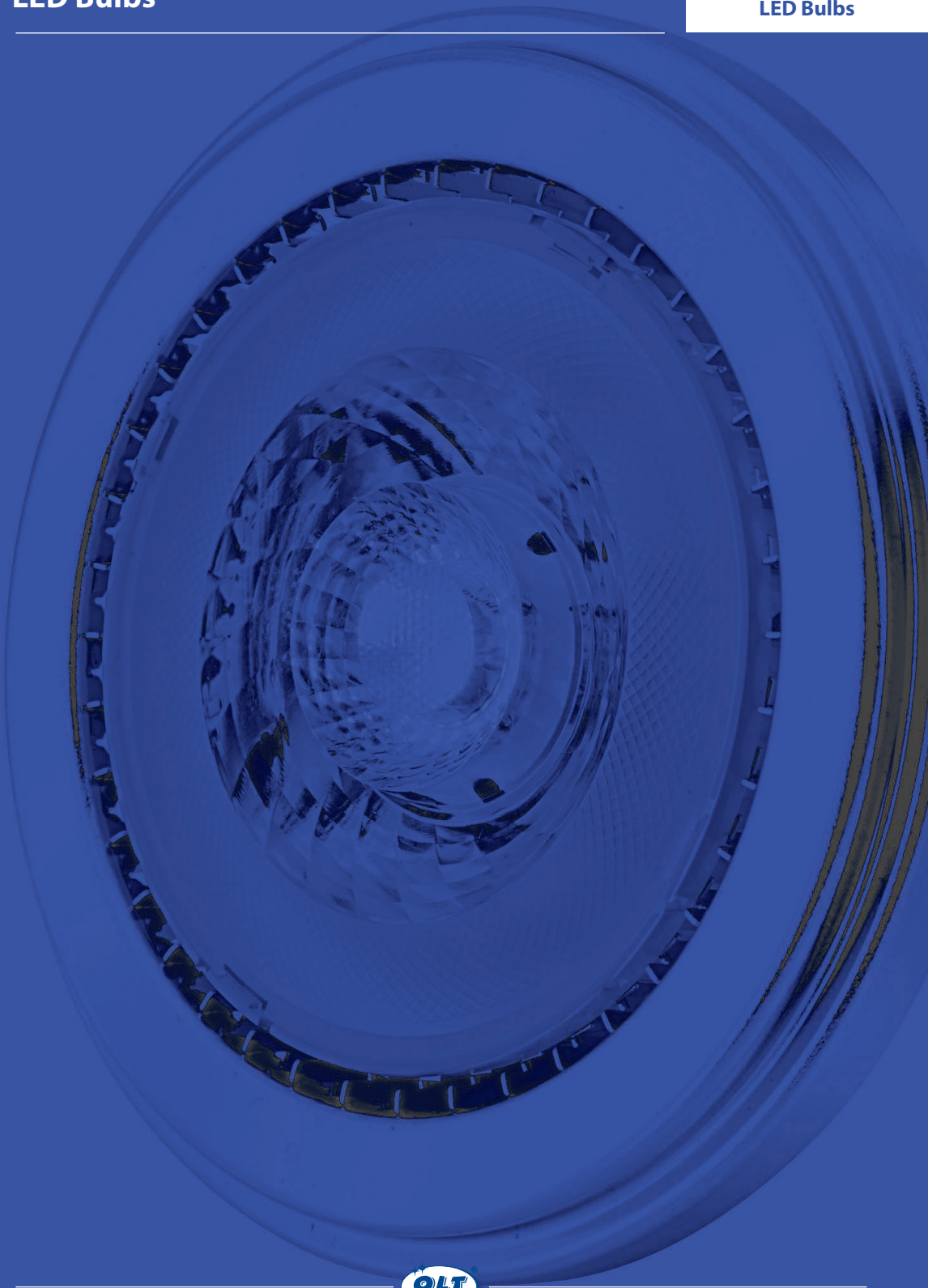


ZCB00300000N	PVC 2 x 0,75 150cm	Black
ZCB00400000B	PVC 2 x 0,75 150cm	White
ZCB00500000B	PVC 2 x 0,75 200cm	White



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LED Bulbs

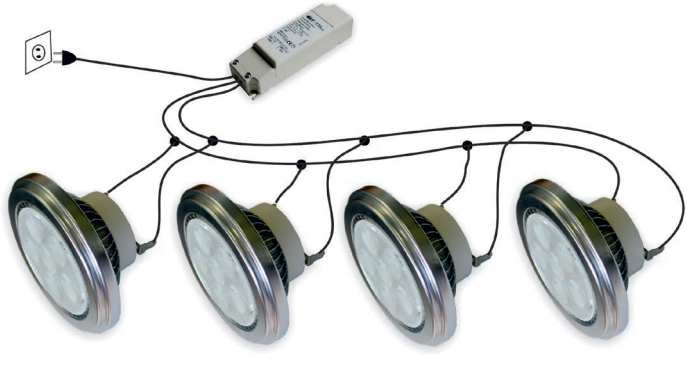


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QLAMP 111 Retrofit

Questo modello rappresenta il massimo della tecnologia delle lampadine retrofit. Grazie a un innovativo circuito a rifasamento elevato è possibile utilizzare QL111 come se fosse una lampadina.
Le migliori prestazioni si ottengono utilizzando un alimentatore a 12V DC stabilizzato per LED , in questo modo si garantiscono stabilità del flusso luminoso e riscaldamenti contenuti. Si può anche alimentare con trasformatori toroidali ed elettromeccanici lamellari con una buona resa luminosa e con la possibilità di regolazione sul lato primario. Il collegamento con impianti muniti di trasformatore elettronico è possibile rispettando il carico minimo del trasformatore elettronico che deve essere adeguato al numero di lampadine AR111 collegate.
La regolazione con dimmer (10..100%) è possibile ma dovrà essere rispettato il carico minimo del dimmer posto sul lato primario del sistema .
La stabilità del flusso luminoso e il riscaldamento sono influenzati dall'alimentazione: alimentatori elettromeccanici o elettronici con tensione di uscita particolarmente bassa rendono le prestazioni inferiori a quanto dichiarato in tabella. In caso di nuovi impianti si consiglia di alimentare in corrente continua 12V -+3% l'apparecchio , in questo modo avrà una durata e una resa luminosa garantiti.

This model represents the best technology in retrofit bulbs. Thanks to an innovative high power factor correction circuit, you can use this bulb as a normal halogen lamp.
The best performance is achieved using a stabilized power supply for 12V DC LED, this will ensure stability of the light and a reduced heating. You can also use toroidal and electromechanical transformers with a good light output and the possibility of dimming on the primary side. The use in already existing installations with 12V AC electronic transformers is possible but the minimum load of the transformer must be taken in due consideration. The transformer must be sized to the number of AR111 LED bulbs connected . In most cases, a transformer with a minimum load of 20W can drive a AR111 LED bulb but some transformers have instabilities and the minimum load must be respected by connecting two or more AR111 LED bulbs. Dimming (10..100%) is possible but the minimum load on the primary side of the dimmer must be respected.
The stability of the luminous flux and heating are influenced by power, electromechanical or electronic power supplies with very low output voltage can reduce the performances of the AR111 LED bulb as stated in the table below. In case of new installations we recommended to drive with 12V DC - +3% , in this way the lamp will have a long life and maximum light output will be guaranteed.



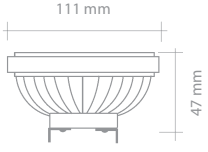
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QLAMP 111 G53 Retrofit

15 Watt | CV | AC/DC | PF λ ≥ 0,9 | AC HF | Dimmable | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 3 Step



50..75W Replacement



QLAMP 111 - AR111

Part Number	CCT (K)	Lumen Typ.	Lux @1m 25°	Lux@1m 40°	I (Typ@12V)	V (Typ)	W	Ø	Standard Size
A40QL11127M1	2700K	840	2700	-	1250mA	12V	15W	111 mm	AR111
A40QL11130M1	3000K	880	2800	-	1250mA	12V	15W	111 mm	AR111
A40QL11140M1	4000K	1000	3100	-	1250mA	12V	15W	111 mm	AR111
A40QL11150M1	5000K	1060	3900	-	1250mA	12V	15W	111 mm	AR111
A40QL11127W1	2700K	840	-	1100	1250mA	12V	15W	111 mm	AR111
A40QL11130W1	3000K	880	-	1150	1250mA	12V	15W	111 mm	AR111
A40QL11140W1	4000K	1000	-	1500	1250mA	12V	15W	111 mm	AR111
A40QL11150W1	5000K	1060	-	1930	1250mA	12V	15W	111 mm	AR111

Spot a LED di potenza - 15W - G53 - AR111 Retrofit

- Alimentazione universale 12V AC 50Hz...50KHz , 12V DC alto fattore di potenza, trasformatori elettronici, toroidali , elettromeccanici , batterie
- Collegamento con Faston 6,35mm o con vite
- Adatto a sostituire lampadine AR111 Retrofit
- Alta resa cromatica

High Brightness LED spot - 15W - G53 - AR111 Retrofit

- Universal input: 12V AC 50Hz...50KHz, 12V DC high power factor, electronic transformers, toroidal transformers, electromechanical transformers, batteries
- 6,35 mm Fastonconnectors or with screw
- Suitable for replacing AR111 retrofit lamps
- High CRI

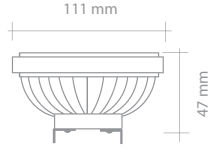
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QLAMP 111 G53 Retrofit

13 Watt | CV | AC/DC | PF λ ≥ 0,9 | AC HF | Dimmable | CRI>80 | CE | EMC | M | M | F | t_a -20°÷ +40°C | III | 3 Step



50..75W
Replacement



QLAMP 111 - AR111

Part Number	CCT (K)	Lumen Typ.	Lux @1m 30°	I (Typ@12V)	V (Typ)	W	Ø	Standard Size
A40QL11130M2	3000K	890	1720	1100mA	12V AC-DC	13W	111 mm	AR111

Spot a LED di potenza - 13W - G53 - AR111 Spot

- Alimentazione universale 12V AC 50Hz...50KHz, 12V DC alto fattore di potenza, trasformatori elettronici, toroidali, elettromeccanici, batterie
- Collegamento con Faston 6,35mm o con vite
- Adatto a sostituire lampadine AR111 Retrofit
- Alta resa cromatica
- A richiesta, disponibile nella versione 24VDC

High Brightness LED spot - 13W - G53 - AR111 Spot

- Universal input: 12V AC 50Hz...50KHz, 12V DC high power factor, electronic transformers, toroidal transformers, electromechanical transformers, batteries
- 6,35 mm Fastonconnectors or with screw
- Suitable for replacing AR111 retrofit lamps
- High CRI
- Version at 24VDC available on request

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Trasformatori elettronici per LED
Electronic transformers for LED Bulbs

I **trasformatori elettronici per LED** sono una evoluzione dei trasformatori elettronici per lampade alogene. Le principali differenze rispetto ai trasformatori elettronici normali consistono nel carico minimo molto basso , quindi erogano tensione anche senza carico .
Questa funzione permette di alimentare anche solo una lampadina LED fino al carico massimo ammesso. L' assenza di raddrizzatori di uscita permette un rendimento energetico superiore al 92% contro l'85% dei normali alimentatori LED.
Un' altra caratteristica è la possibilità di alimentare dei carichi capacitivi quali le lampadine LED di basso costo e con un basso fattore di potenza (tipico 0,5) In questo caso le prestazioni sono limitate nel rendimento e nel fattore di potenza del sistema.
Queste lampadine si riconoscono per la possibilità di essere alimentate solo in corrente continua o con trasformatori elettromeccanici
In caso di collegamento con lampadine alogene o di lampadine a LED ad alto fattore di potenza le prestazioni sono elevate e si può raggiungere il carico massimo. Il sistema avrà un fattore di potenza complessivo uguale a quello delle lampadine utilizzate .
E' possibile con alcuni modelli la regolazione con dimmer IGBT sul lato primario rispettando il carico minimo del dimmer e utilizzando lampadine LED che riportino la scritta Dimmable o il simbolo relativo.

LED electronic transformers are an evolution of electronic drivers for halogen bulbs. The main difference from traditional electronic transformers is a very low minimum load, so they supply voltage even without load.
This feature allows to drive even a single LED bulb, up to the max load allowed.The absence of output rectifiers allows a higher energy performance (92%) compared to the one of normal electronic LED drivers (85%).
Another important feature is the possibility of driving capacitive loads such as low cost LED bulbs with a low power factor (typical 0,5). In this case the performance is limited both in output and in the system's power factor.
These lamps can be easily recognized since they can be driven ONLY in constant current (DC) or with electro magnetic transformers.
In case these drivers are connected to halogen bulbs or high power factor LED bulbs, performance will be very high and the maximum load is reached.
the system will have a total power factor identical to the one of the LED bulbs in use.
Some models can have a dimmer IGBT regulation on the primary side, respecting the dimmer's minimum load and using LED bulbs which are marked "dimmable" or have the "dimmable" symbol.

TOP LF - Dimmable LED Transformer

I trasformatori elettronici tradizionali hanno delle forti limitazioni quando vengono utilizzati per alimentare lampadine a LED:
- Lunghezza dei cavi ridotta per limitare le cadute di tensione
- Problematiche relative alla compatibilità delle lampadine di più scarsa qualità con l'alta frequenza del trasformatore elettronico
- Difficoltosa regolazione del flusso luminoso limitata ai modelli idonei ad essere dimmerati

Il trasformatore TOP LF è stato studiato appositamente per essere compatibile con tutte le lampadine LED. Le sue caratteristiche principali sono:
- Assenza di carico minimo
- Funzionamento a frequenza più bassa, 24KHz, rispetto ai tradizionali trasformatori elettronici
- Ridotta caduta di tensione, quindi possibilità di utilizzare cavi più lunghi
- Compatibilità con tutte le lampadine LED
- Elevato fattore di potenza >0,95
- Regolazione sul primario anche con lampadine non specificatamente dimmerabili.
- Protezione al cortocircuito

Radiodisturbi: lampadine LED non adeguatamente filtrate possono compromettere i livelli di radiodisturbo dell'impianto.

Traditional electronic transformers have huge limitations when used with power LED bulbs:
- Reduced cable length to limit voltage drops
- Problems related to the compatibility of poorer quality light bulbs with the high frequency of the electronic transformer
- Difficult regulation of the luminous flux limited to models suitable to be dimmed

The TOP LF transformer has been specifically designed to be compatible with all LED bulbs. Its main features are:
- No minimum load
- Operation at a lower frequency, 24KHz, compared to traditional electronic transformers
- Reduced voltage drop, therefore the possibility of using longer cables
- Compatibility with all LED bulbs
- High power factor> 0.95
- Regulation on the primary also with not specifically dimmable bulbs
- Short circuit protection

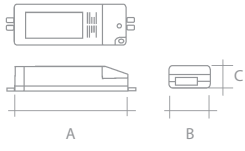
Radio interference: inadequately filtered LED bulbs can compromise the levels of radio interference in the system.

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MINI TOP LED

30 Watt | PF λ ≥ 0,93 | IP20 | CE | EMC | M | M | F | 110 | EQUIV. SELV | t_a -10°÷ +40°C | AC/DC | 39 mm





Part Number	Vin	Vout	W	Dimensions A x B x C
A10MT030000B	230V	12V AC	1 ÷ 30	93 x 33 x 19

TRASFORMATORE ELETTRONICO specifico per Lampadine LED

- Trasformatore indipendente - IP20 - Classe II d'isolamento.
- Non dimmerabile
- Protezione contro le sovratensioni di rete - Protezione al corto-circuito - Assenza di carico minimo
- Alimenta qualunque tipo di lampadina a LED e alogena 12V AC
- Alto fattore di potenza e bassi riscaldamenti con lampade alogene e a LED rifasate
- Parziale rifasamento (0,70) con lampadine a LED non rifasate

ELECTRONIC TRANSFORMER specific for LED bulbs

- Independent transformer - IP20 - Insulation class II.
- Not dimmerabile
- Protection against mains overvoltages (spikes) - Protection against short circuits - No minimum load
- Can drive any LED bulb and halogen bulb 12VAC
- High power factor and low heating with halogen bulbs and LED bulbs with high power factor.
- 0,70 power factor with LED bulbs with low power factor.

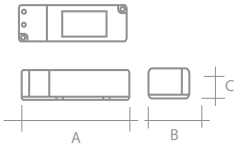
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TOP LF - Dimmable LED Transformer

60 Watt | PF λ ≥ 0,95 | C | IP 20 | CE | EMC | M | M | F | EQUIV. SELV | 47 mm | AC/DC | t_a -10°÷ +40°C

Dimmable





Part Number	Vin	Vout	W	Dimensions A x B x C
A10TLF00000B	230V	12V AC 20KHz	1 ÷ 60	124 x 37 x 28

TRASFORMATORE ELETTRONICO specifico per Lampadine LED

- Trasformatore indipendente - IP20 - Classe II d'isolamento.
- Regolazione della luminosità con dimmer IGBT lato primario (minimo regolabile)
- Protezione contro le sovratensioni di rete - Protezione al cortocircuito - Assenza di carico minimo
- Alimenta qualunque tipo di lampadina a LED e alogena 12V AC
- Alto fattore di potenza e bassi riscaldamenti con lampade alogene e a LED rifasate
- Parziale rifasamento (0,70) con lampadine a LED non rifasate.

ELECTRONIC TRANSFORMER specific for LED bulbs

- Independent transformer - IP20 - Insulation class II.
- Light regulation using "trailing edge" dimmers (IGBT) on primary side (possible regualation of min.)
- Protection against mains overvoltages (spikes) - Protection against short circuits - No minimum load
- Can drive any LED bulb and halogen bulb 12VAC
- High power factor and low heating with halogen bulbs and LED bulbs with high power factor.
- 0,70 power factor with LED bulbs with low power factor.

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