



Technical details

| Product No. | A41ST241120R | A41ST24112AR |
|--------------------|--------------|--------------|
| Led Q.ty (LEDs/m) | 112 | 112 |
| Led Type | 3535 | 3535 |
| Power (W/M) | 19,2 | 19,2 |
| Voltage (V) | 24 ±3% | 24 ±3% |
| Current (mA/M) | 800mA | 800mA |
| Lenght/Reel (M) | 5 | 5 |
| Beam | 120° | 120° |
| Water-proof rating | IP20 | IP65 |

| | |
|---|--|
| <p>Non-directional or directional light source:</p> <p>Mains or non-mains light source:</p> <p>Dimmable:</p> <p>Cables type:</p> <p>Pcb material:</p> <p>Tape type:</p> <p>Protection against electric shock:</p> <p>Version:</p> <p>Safety isolating:</p> <p>Nominal lifetime LM-80:</p> | <p>Non-directional (NDLS)</p> <p>Non-mains (NMLS)</p> <p>Only with specific LED drivers</p> <p>PVC 80°C 20AWG lenght 15cm (single ended)</p> <p>COPPER</p> <p>3M</p> <p>Class III</p> <p>Integral</p> <p>See electronic controlgear</p> <p>L70 B50 >50000 h</p> |
|---|--|

LED STRIPS – LED 3535 – 24V – SUPER BRIGHT RGB – IP20 & IP65

Lumens per meter

| Color Temperature | A41ST241120R | A41ST24112AR |
|-------------------|--------------|--------------|
| RED | 284 lm | 260 lm |
| GREEN | 624 lm | 620 lm |
| BLUE | 160 lm | 165 lm |
| RGB | 1105 lm | 1105 lm |

• Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

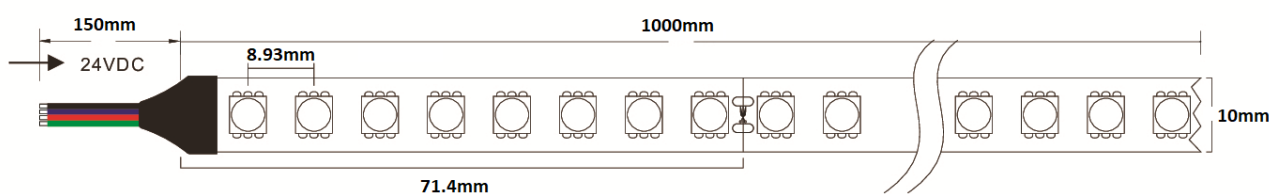
Efficacy

| Color Temperature | A41ST241120R | A41ST24112AR |
|-------------------|--------------|--------------|
| RGB | 58 lmW | 58 lmW |

Working conditions

| | |
|----------------------------|----------|
| Working Temperature (°C) | -20 ÷ 50 |
| Storage Temperature (°C) | -30 ÷ 80 |
| Voltage Range (Vdc) | 23 ÷ 25 |
| Reverse Voltage (Vdc) | 25 |
| Reference temperature (Tc) | 80° C |

Dimensions



Weight/5m reel

| | |
|--------------|---------|
| A41ST241120R | 140 gr. |
| A41ST24112AR | 215 gr. |

Safety warning

- Install in accordance with national standards and local electrical codes.
- This product must be installed and maintained by a qualified electrician.
- Only install it with Class 2 DC constant voltage driver, do not use this product if it does not comply with Class 2 standard.
- The power of drive must meet the output of the rated power, and do not exceed the specified output power.
- Use a cable with rated temperature at least 80 ° C and be certified for external connection of the electrical equipment.
- Improper electrical installation may cause the cable to overheat and cause a fire. Please use a suitable cable between the driver, the lamp, and the controller. When selecting a wire, the voltage and current must meet the rated values.
- The LED module itself and all its components must not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- To avoid mechanical damage, the LED modules should be mounted securely to the intended substrate. Heavy vibration should be avoided.
- Installation of LED modules (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Observe correct polarity! Incorrect polarity will lead to no light emission and may cause damage of the LED module.
- Parallel connection is highly recommended as safe electrical operation mode. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation at soldering points between module and the mounting surface.
- Pay attention to ESD steps when mounting the module.
- Please ensure that the power supply is of adequate power to operate the total load.
- Damage by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- For applications involving exposure to humidity and dust the module must be protected by a fixture or housing with a suitable protection class.
- This product is not resistant to vulcanization, LED vulcanization damage will not be compensated. It is the responsibility of the user to provide appropriate protection against harmful sulphide components.