



| QS Models: Single Color Models Only | | | | |
|---|---|-----|------------|--------------------|
| Male | Female | Pin | Wire Color | Connection |
|  |  | 1 | brown | 12 V dc or 24 V dc |
| | | 2 | blue | dc common |

Specifications

Supply Protection Circuitry

Protected against reverse polarity and transient voltages

Supply Voltage

12 V DC or 24 V DC nominal
 Absolute operational limits of 10 V DC to 15 V DC and 20 V DC to 27 V DC
 Use only with a suitable Class 2 power supply (UL) or a SELV power supply (CE)
 Single Color Light Models can be PWM dimmed between 25% to 100% with a frequency up to 1000 Hz
 See electrical characteristics on product label

Spacing Criterion

Vertical: 1.26
 Horizontal: 1.26

Supply Current

| Light Length | Typical Current (A) at 25°C ¹ | | Max. Current (A) at -40°C | |
|--------------|---|---------|------------------------------|---------|
| | 12 V DC | 24 V DC | 12 V DC | 24 V DC |
| 0220 mm | 0.19 | 0.10 | 0.24 | 0.12 |
| 0360 mm | 0.38 | 0.20 | 0.48 | 0.24 |
| 0500 mm | 0.57 | 0.30 | 0.72 | 0.36 |
| 0640 mm | 0.76 | 0.40 | 0.96 | 0.48 |
| 0920 mm | 1.14 | 0.60 | 1.44 | 0.72 |
| 1200 mm | 1.52 | 0.80 | 1.92 | 0.96 |

Operating Temperature

-40 °C to +60 °C (-40 °F to +140 °F)

Storage Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

Environmental Rating

Rated IEC IP66 and IEC IP67
 Suitable for wet locations per UL 2108

Vibration and Mechanical Shock

Vibration: 10 Hz to 55 Hz, 1.0 mm peak-to-peak amplitude per IEC 60068-2-6
 Shock: 15G 11 ms duration, half sine wave per IEC 60068-2-27

Construction

Clear anodized aluminum housing; Polycarbonate outer housing, Polyamide end caps

Application Note

When connecting cascadable lights in series, it is important not to exceed maximum current limitations:

- Maximum length of light at 12 V DC: 2.4 m (7.9 ft)
- Maximum length of light at 24 V DC: 6 m (19.7 ft)

Mounting

Integral mounting slots for M4 (#8) screws, tighten to 5 in-lbf max torque
 Multiple bracket options available
 Secure cables within 150 mm (5.9 inches) of the light

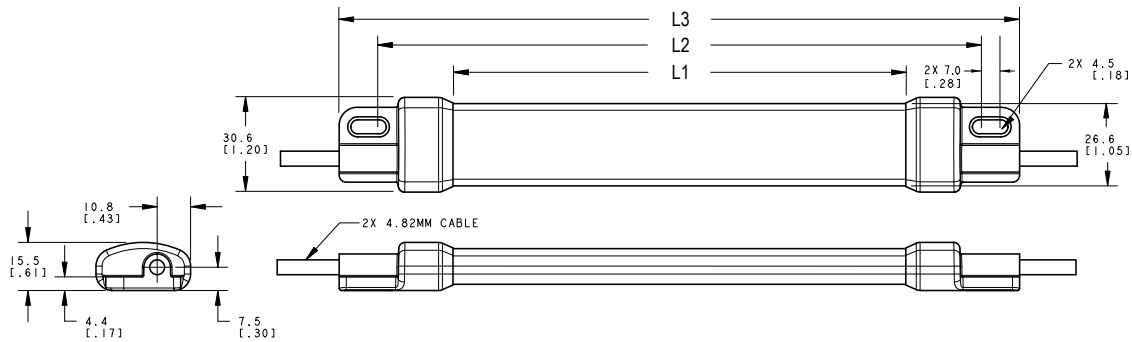
Certifications



Connections

2 m (6.5 ft) integral PVC cable, 150 mm (6 in) PVC cable with a 4-pin M12/Euro-style male quick disconnect, or 150 mm (5.9 in) 2-pin Deutsch DTM series sealed cable; models with a quick disconnect or Deutsch DTM connector require a mating cordset
 Do not spray cable with high-pressure sprayer or cable damage will result.

Dimensions



| Models | L1 | L2 | L3 |
|---------------|--------------------------|------------------------|------------------------|
| WLS15..0220.. | 146.4 mm (5.76 inches) | 194 mm (7.64 inches) | 220 mm (8.66 inches) |
| WLS15..0360.. | 286.4 mm (11.28 inches) | 334 mm (13.15 inches) | 360 mm (14.17 inches) |
| WLS15..0500.. | 426.4 mm (16.79 inches) | 474 mm (18.66 inches) | 500 mm (19.69 inches) |
| WLS15..0640.. | 566.4 mm (22.3 inches) | 614 mm (24.17 inches) | 640 mm (25.2 inches) |
| WLS15..0920.. | 846.4 mm (33.32 inches) | 894 mm (35.2 inches) | 920 mm (36.22 inches) |
| WLS15..1200.. | 1126.4 mm (44.35 inches) | 1174 mm (46.22 inches) | 1200 mm (47.24 inches) |

¹ Values shown at 25°C - current and lumen values decrease 0.4% per 1°C from ambient. For example, a 1200 mm unit will have a maximum current of 1.92 A at -40°C and 1.33 A at +60°C.

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