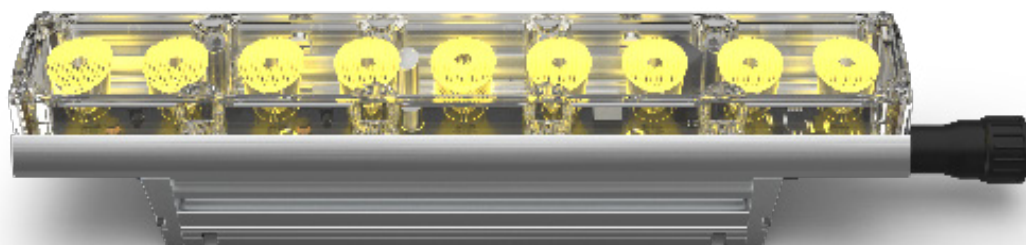


# ILUMILINE SL



## PRELIMINARY SPECIFICATIONS

### OPTICAL

- Light Source: 9 LEDs (quad-color RGLB) 3.5 W, (200 mA)
- Light Source Lifespan: 50,000 hours based on LED manufacturer's specifications.
- Installed Optics: 12°
- Optional Optics: Medium Filter, Wide Filter, Very Wide Filter, Asymmetrical Filter
- Beam Angle: 14.5°
- Beam Angle (Medium Filter): 24.1°
- Beam Angle (Wide Filter): 36°
- Beam Angle (Very Wide Filter): 38.1°
- Beam Angle (Asymmetrical Filter): 39.9° x 19.4°
- Field Angle: 30°
- Field Angle (Medium Filter): 52.3°
- Field Angle (Wide Filter): 116.2°
- Field Angle (Very Wide Filter): 128.1°
- Field Angle (Asymmetrical Filter): 79.6° x 47.6°
- Cutoff angle: 49.6°
- Cutoff angle (Medium Filter): 91.9°
- Cutoff angle (Wide Filter): 158.6°
- Cutoff angle (Very Wide Filter): 169.7°
- Cutoff angle (Asymmetrical Filter): 114.2° x 158.8°
- Lumens: 808
- Lumens (Medium Filter): 706
- Lumens (Wide Filter): 643
- Lumens (Very Wide Filter): 635
- Lumens (Asymmetrical Filter): 676

- Base Illuminance: 251 lux @ 5 m
- Base Illuminance (Medium Filter) : 82 lux @ 5 m
- Base Illuminance (Wide Filter): 31 lux @ 5 m
- Base Illuminance (Very Wide Filter): 25 lux @ 5 m
- Base Illuminance (Asymmetrical Filter): 58 lux @ 5 m
- Efficacy @ Full: 34 lm/W
- Color Temperature Presets: Built-in

### CONSTRUCTION/PHYSICAL

- Dimensions: 12 x 3.03 x 3.43 in (305 x 77 x 87 mm)
- Weight: 2.65 lb (1.2 kg)
- Fixture Color: Brushed aluminum
- Housing Material: Extruded aluminum
- Lens Cover: ABS plastic
- Mounting Options: Bracket

### CONTROL SPECIFICATIONS

- Control Protocol: USITT DMX-512a, RDM
- Operating Modes: Selectable personalities
  - Solid (1-Channel)
  - Arc 1 (3-Channel)
  - Arc 1+D (4-Channel)
  - Arc 2 (4-Channel)
  - Arc 2+D (5-Channel)
  - Arc Full (8-Channel)
  - Special 2 (9-Channel)

- Standalone Control: Yes
- Fixture setup: RDM Only
- Recommended control cable specification: CAT/AWG or specific Belden
- Data Connection: Data Connection: 3.7 ft (1.13 m) Proprietary Waterproof cable

## ELECTRICAL SYSTEM SPECIFICATIONS

- Input Voltage: 100 to 277 VAC, 50/60 Hz (auto-ranging)
- Power and Current:
  - o 23 W, .200 A @ 120 V, PF: 94
  - o 22 W, .118 A @ 230 V, PF: 78
  - o 21 W, .113 A @ 277 V, PF: 71
- Power Supply: Electronic internal
- Dimmer: Electronic
- Power Linking: 52 units @ 120 V, 88 units @ 230 V, 92 units @ 277 V
- Power Connection: 3.7 ft (1.13 m) Hardwire to Proprietary Waterproof cable
- Recommended Power Cable: Power and Data Interface (14 AWG)
- Cable Connector Max Diameter: 1.18 in (30 mm)

## THERMAL SPECIFICATIONS

- Cooling: Convection
- Startup Temperature Range: -4 °F to 113 °F (-20 °C to 45 °C)
- Operating Temperature Range: -40 °F to 113 °F (-40°C to 45 °C)
- Maximum Surface Temperature: 167 °F (75 °C)
- Minimum Distance to Illuminated Surface: 3.28 ft (1 m)
- Minimum Distance to Flammable Surface: 0.98 ft (0.3 m)
- BTU at various voltages:
  - o 78 BTUs/hr @ 120 V, 60 Hz
  - o 72 BTUs/hr @ 208 V, 60 Hz
  - o 75 BTUs/hr @ 230 V, 50 Hz
  - o 72 BTUs/hr @ 277 V, 50 Hz

## REGULATORY & VOLUNTARY QUALIFICATION

- Certification Listings: UL, MET, CE, RoHS, FCC
- Environment: Dry/Damp/Wet location, All indoor and limited outdoor permanent installations.
  - o Please refer to the User Manual for more detailed information on installation.
- Warranty: 36-month manufacturer's limited warranty (for covered regions only)
- Installation Orientation: Any, Vertical only, Horizontal only

## ACCESSORIES

- Required: RDM Device, Power and Data Interface
- Optional: Medium Filter (20°), Wide Filter (40°), Very Wide Filter (55°), Asymmetrical Filter (60° x 10°), Filter, Power and Data extension cable