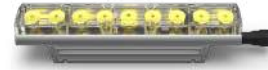


Ilumiline SL

Features

- 4-in-1 RGBL Color Mixing
 - One Foot in Length
 - 50,000 hour LED Lifespan
 - Beam angle: 14.5°, or change with optional Beam Filters
 - Illuminance: 251 lux @ 5 m
 - IP Rating: 66
 - Optional Beam Spread Filters can be applied without breaking IP Seal
-




Description

Ilumiline SL is an outdoor-rated linear battens with a sleek, low profile and RGBL (Red, Green, Blue, Lime) color mixing. Like all Ilumi series products, it features plug-and-play installation with an optical system that delivers stunning, fully-mixed colors. The one-foot version is perfect for fitting into available space, while interchangeable, easy-to-install beam spread filters to help the fixture adapt to various applications and throw distances. Additionally, the lime emitter allows Ilumiline SL to create not only brilliant saturated colors, but crisp and clear whites to beautify any building, in any weather conditions.

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 [Ilumiline SL IES Files](#)


 [Ilumiline SL Photometrics Report](#)


 [2D CAD Drawing](#)


 [3D CAD Drawing](#)

 [Ilumiline SL Quick Reference Guide](#)

 [Ilumiline SL User Manual](#)

 [Ilumiline SL Cut Sheet](#)

 [Ilumiline SL DMX Chart](#)

 [Iluminarc Power and Data Interface Specifications](#)

Specifications

Light Source and Optical Specifications

- Light Source: 9 LED (quad-color RGBL) 3.5 W, (200 mA)
- Light Source Life Expectancy: 50,000 hours based on LED manufacturer's specifications
- Installed Optics: 12°
- Optional Optics: Medium Filter, Wide Filter, Very Wide, Asymmetrical Filter
- Beam Angle: Installed Optics: 14.5°, Medium Filter: 24.1°, Wide Filter: 36°, Very Wide Filter: 38.1°, Asymmetrical Filter: 38.5° x 18.9°
- Field Angle: Installed Optics: 30°, Medium Filter: 52.3°, Wide Filter: 116.2°, Very Wide Filter: 128.1°, Asymmetrical Filter: 77.6° x 45.1°
- Cutoff Angle: Installed Optics: 49.6°, Medium Filter: 91.9°, Wide Filter: 158.6°, Very Wide Filter: 169.7°, Asymmetrical Filter: 157.1° x 114.3°
- Lumens: Installed Optics: 808, Medium Filter: 706, Wide Filter: 643, Very Wide Filter: 635, Asymmetrical Filter: 574
- Illuminance: Installed Optics: 251 lux @ 5 m, Medium Filter: 82 lux @ 5 m, Wide Filter: 31 lux @ 5 m, Very Wide Filter: 25 lux @ 5 m, Asymmetrical Filter: 53 lux @ 5 m
- Efficacy At Full: 34 lm/W
- Color Temperature Presets: 1800K - 10000K

Construction & Physical Specifications

- Dimensions: 12 x 3.03 x 3.43 in (305 x 77 x 87 mm)
- Fixture Color: Brushed aluminum
- Housing Material: Extruded aluminum
- Lens Cover: ABS plastic
- Mounting Options: 1 Brackets
- Weight: 2.65 lb (1.2 kg)

Control Specifications

- Control Protocol: USITT/DMX-512a/RDM
- Operating Modes: Selectable personalities
- 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 1 (7-Channel)
 - Special 2 (9-Channel)
- Data Connections:
 - 3.7 ft (1.13 m) proprietary waterproof cable
- Fixture Setup: RDM Only
- Standalone Control: Yes

Electrical System Specifications

- Cable Connector Max Diameter: 1.18 in (30 mm)
 - Electronic
 - Input Voltage: 100 to 277 VAC, 50/60 Hz (auto-ranging)
 - Power and Current:
 - 23 W, .200 A @ 120 V, PF: 94
 - 22 W @ 230 V, PF: 78
 - 21 W A @ 277 V, PF: 71
 - Power Linking: 36 units @ 100 V, 40 units @ 120 V, 57 units @ 208 V, 66 units @ 230 V, 66 units @ 240 V, 72 units @ 277 V
 - Power Supply: Electronic internal
 - Recommended Power Cable: Power and Data Interface (14 AWG)
 - Total Max Cable Length: 262 ft. (80 m)
-

Thermal Specifications

- BTUs At Various Voltages:
 - 78 BTUs/hr @ 120 V, 60 Hz
 - 72 BTUs/hr @ 208 V, 60 Hz
 - 75 BTUs/hr @ 230 V, 50 Hz
 - 72 BTUs/hr @ 277 V, 50 Hz
 - Cooling: Convection
 - Maximum Surface Temperature: 167 °F (75 °C)
 - Minimum Distance To Flammable Surface: .98 ft (.3 m)
 - Minimum Distance To Illuminated Surface: 3.28 ft (1 m)
 - Operating Temperature Range: -40 °F to 113 °F (-40°C to 45 °C)
 - Startup Temperature Range: -4 °F to 113 °F (-20 °C to 45 °C)
-

Regulatory & Voluntary Qualification

- Certification Listings: UL/MET/CE/RoHS/FCC
 - Environment Details: All indoor and limited outdoor permanent installations. Please refer to the User Manual for more detailed information on installation.
 - Environment Locations: Dry/Damp/Wet
 - Impact Resistance Rating: IK10
 - Installation Orientation: Any/Vertical Only/Horizontal Only
 - IP Rating: IP66
 - Vibration Rating: 3G
 - Warranty: 36-month manufacturer's limited warranty (for covered regions only)
 - Wind Load Rating: EPA: .237 ft²
-

Accessories

- Optional: Medium filter, Wide filter, Very Wide, Asymmetrical Filter, Power and Data extension cable
- Required: RDM Device, Power and Data Interface

Order Code

- Ilumiline SL: ILUMILINESL
 - Ilumiline Power & Data Interface: ILUMILINEBOX
 - Ilumiline SL Medium Spread Filter: ILUMILINESLM
 - Ilumiline SL Wide Spread Filter: LUMILINESLW
 - Ilumiline SL Very Wide Spread Filter: ILUMILINESLVW
 - Ilumiline SL Asymmetrical Spread Filter: ILUMILINESLASYM
 - 17" Ilumiline Extension Cable: ILUMILINECABLE1
 - 10' Ilumiline Extension Cable: ILUMILINECABLE10
 - 25' Ilumiline Extension Cable: ILUMILINECABLE25
 - 50' Ilumiline Extension Cable: ILUMILINECABLE5
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Applications & Uses

Ilumi by Iluminarc

Sunrise, FL



Accessories



Asymmetrical
Filter



Medium Filter



Wide Filter



Very Wide Filter



Ilumiline Power &
Data Interface



Illumiline Extension
Cable