

# ILUMIPOD SL



## PRELIMINARY SPECIFICATIONS

### OPTICAL

- Light Source: 4 LEDs (quad-color RGBL) 20 W, (1A)
- Light Source Lifespan: 50,000 hours based on LED manufacturer's specifications.
- Installed Optics: 6°
- Optional Optics: 20° Filter, 40° Filter, 55° Filter, 60 x 10° Filter
- Beam Angle: 6.5°
- Beam Angle (medium filter): 20.2°
- Beam Angle (wide filter): 32.4°
- Beam Angle (very wide filter): 34.8°
- Beam Angle (w/60 x 10° asymmetric filter): 20° x 13.4°
- Field Angle: 11.1°
- Field Angle (medium filter): 40.7°
- Field Angle (wide filter): 64.8°
- Field Angle (very wide filter): 73.4°
- Field Angle (w/60 x 10° asymmetric filter): 43.2° x 31.5°
- Cutoff angle: 18.3°
- Cutoff angle (medium filter): 60.7°
- Cutoff angle (wide filter): 140.8°
- Cutoff angle (very wide filter): 150.4°
- Cutoff angle (w/60x10° filter): 66.5 x 53.4°
- Lumens: 2,113
- Lumens (medium filter): 1,884
- Lumens (wide filter): 1,562

- Lumens (very wide filter): 1,479
- Lumens (w/60 x 10° asymmetric filter): 1,703
- Base Illuminance: 4,414 lux @ 5 m
- Base Illuminance (medium filter) : 413 lux @ 5 m
- Base Illuminance (wide filter): 118 lux @ 5 m
- Base Illuminance (very wide filter): 87 lux @ 5 m
- Base Illuminance (w/60 x 10° asymmetric filter): 338 lux @ 5 m
- Efficacy @ Full: 34 lm/W
- Color Temperature Presets: Built-in

### CONSTRUCTION/PHYSICAL

- Dimensions: 8.11 x 7.76 x 8.54 in (206 x 197 x 217 mm)
- Weight: 9 lb (4.1 kg)
- Fixture Color: Off white
- Housing Material: Cast aluminum
- Lens Cover: Impact resistant glass
- Mounting Options: Bracket, Hole Diameter 10M

### CONTROL SPECIFICATIONS

- Control Protocol: USITT DMX-512a, RDM
- Operating Modes:
  - 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: Gepco DLC224
- Data Connection: 6.25 ft (1.9 m) Waterproof cable, Bare-wired to hard-wired

### ELECTRICAL SYSTEM SPECIFICATIONS

- Input Voltage: 100 to 277 VAC, 50/60 Hz (auto-ranging)
- Power and Current:
  - 58 W, 0.494 A @ 120 V, 60 Hz, PF: 0.97
  - 56 W, 0.304 A @ 208 V, 60 Hz, PF: 0.89
  - 55 W, 0.270 A @ 230 V, 50 Hz, PF: 0.85
  - 56 W, 0.274 A @ 277 V, 50 Hz, PF: 0.81
- Power Supply: Electronic internal
- Dimmer: Electronic
- Power Connection: 6.25 ft (1.9 m) Waterproof cable Bare-wired to hard-wired

- Recommended Power Cable: 14 AWG (3x 2.08 mm<sup>2</sup>)

## **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 Ratings:
  - o 198 BTUs/hr @ 120 V, 60 Hz
  - o 191 BTUs/hr @ 208 V, 60 Hz
  - o 188 BTUs/hr @ 230 V, 50 Hz
  - o 191 BTUs/hr @ 277 V, 50 Hz

## **REGULATORY & VOLUNTARY QUALIFICATION**

- Certification Listings: MET, CE, RoHS, FCC, CB
- Environment: IP67, outdoor/wet, with pressure equalizing M12 GORE valve
  - 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

## **ACCESSORIES**

- Required: RDM device
- Included: Filter Frame
- Optional: 20° Filter (medium), 40° Filter (wide), 55° Filter (very wide), 60 °x 10° Asymmetric Filter