

# ILUMIPOD LL



## PRELIMINARY SPECIFICATIONS

### OPTICAL

- Light Source: 24 LEDs (quad-color RRGB) 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, 60x10° Filter
- Beam Angle: 6.9°
- Beam Angle (medium filter): 19.9°
- Beam Angle (wide filter): 32.1°
- Beam Angle (very wide filter): 33.9°
- Beam Angle (w/60x10° filter): 19°x14.2°
- Field Angle: 12.7°
- Field Angle (medium filter): 41°
- Field Angle (wide filter): 65.2°
- Field Angle (very wide filter): 80.9°
- Field Angle (w/60x10° filter): 41.5°x33.1°
- Cutoff angle: 20°
- Cutoff angle (medium filter): 61.2°
- Cutoff angle (wide filter): 146.9°
- Cutoff angle (very wide filter): 158.1°
- Cutoff angle (w/60x10° filter): 67.3.5° x 57.2°
- Lumens: 11,664
- Lumens (medium filter): 10,323
- Lumens (wide filter): 9,275
- Lumens (very wide filter): 8,729

- Lumens (w/60x10° filter): 9,427
- Base Illuminance: 21,215 lux @ 5 m
- Base Illuminance (medium filter) : 2,205 lux @ 5 m
- Base Illuminance (wide filter): 678 lux @ 5 m
- Base Illuminance (very wide filter): 477 lux @ 5 m
- Base Illuminance (w/60x10° filter): 1,659 lux @ 5 m
- Efficacy @ Full: 35 lm/W
- Color Temperature Presets: Built-in

### CONSTRUCTION/PHYSICAL

- Dimensions: 16.65 x 11.18 x 17.44 in (423 x 284 x 443 mm)
- Weight: 38.6 lb (17.5 kg)
- Fixture Color: Off white
- Housing Material: Cast aluminum
- Lens Cover: Impact resistant glass
- Mounting Options: Bracket, Hole Diameter 13M

### CONTROL SPECIFICATIONS

- Control Protocol: USITT DMX-512a, RDM
- Operating Modes:
  - o SOLID (1-channel)
  - o ARC 1 (3-channel)
  - o ARC 1+D (4-channel)
  - o ARC 2 (4-channel)
  - o ARC 2+D (5-channel)
  - o ARC FULL (8-channel)
  - o SPECIAL 1 (11-channel)
  - o 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:
  - o 278 W, 2.37 A @ 120 V, 60 Hz, PF: 0.98
  - o 265 W, 1.41 A @ 208 V, 60 Hz, PF: 0.92
  - o 260 W, 1.28 A @ 230 V, 50 Hz, PF: 0.91
  - o 322 W, 1.39 A @ 277 V, 50 Hz, PF: 0.83
- 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 949 BTUs/hr @ 120 V, 60 Hz
  - o 904 BTUs/hr @ 208 V, 60 Hz
  - o 887 BTUs/hr @ 230 V, 50 Hz
  - o 1099 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