

# ILUMIPOD ML



## PRELIMINARY SPECIFICATIONS

### OPTICAL

- Light Source: 8 LEDs (quad-color RGLB) 20 W, (1A)
- Light Source Lifespan: 50,000 hours based on LED manufacturer's specifications.
- Installed Optics: 6°
- Optional Optics: Medium Filter, Wide Filter, Very Wide Filter, Asymmetrical Filter
- Beam Angle: 6.7°
- Beam Angle (Medium Filter): 20°
- Beam Angle (Wide Filter): 34.4°
- Beam Angle (Very Wide Filter): 31.9°
- Beam Angle (Asymmetrical Filter): 20.2° x 13.9°
- Field Angle: 11.9°
- Field Angle (Medium Filter): 40.2°
- Field Angle (Wide Filter): 73.2°
- Field Angle (Very Wide Filter): 64.4°
- Field Angle (Asymmetrical Filter): 44.1° x 32.4°
- Cutoff angle: 19.4°
- Cutoff angle (Medium Filter): 60.9°
- Cutoff angle (Wide Filter): 153.8°
- Cutoff angle (Very Wide Filter): 142.6°
- Cutoff angle (Asymmetrical Filter): 68.2° x 55.8°
- Lumens: 4,228
- Lumens (Medium Filter): 3,751
- Lumens (Wide Filter): 2,983
- Lumens (Very Wide Filter): 3,144
- Lumens (Asymmetrical Filter): 3,268

- Base Illuminance: 8,152 lux @ 5 m
- Base Illuminance (Medium Filter) : 812 lux @ 5 m
- Base Illuminance (Wide Filter): 171 lux @ 5 m
- Base Illuminance (Very Wide Filter): 237 lux @ 5 m
- Base Illuminance (Asymmetrical Filter): 611 lux @ 5 m
- Efficacy @ Full: 38 lm/W
- Color Temperature Presets: Built-in

### CONSTRUCTION/PHYSICAL

- Dimensions: 11.29 x 9.68 x 11.14 in (287 x 246 x 283 mm)
- Weight: 18 lb (8.2 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:
  - 81 W, 0.69 A @ 120 V, 60 Hz, PF: 0.98
  - 76 W, 0.41 A @ 208 V, 60 Hz, PF: 0.92
  - 76 W, 0.37 A @ 230 V, 50 Hz, PF: 0.90
  - 77 W, 0.37 A @ 277 V, 50 Hz, PF: 0.84
- 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 (3 x 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 276 BTUs/hr @ 120 V, 60 Hz
  - o 259 BTUs/hr @ 208 V, 60 Hz
  - o 259 BTUs/hr @ 230 V, 50 Hz
  - o 263 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: Medium Filter (20°), Wide Filter (40°), Very Wide Filter (55°), Asymmetrical Filter (60° x 10°)