

ILUMIPOD ML



PRELIMINARY SPECIFICATIONS

OPTICAL

- Light Source: 8 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, 60x10° 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 (w/60 x 10° asymmetric 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 (w/60 x 10° asymmetric 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 (w/60x10° 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 (w/60x10° 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 (w/60 x 10° asymmetric 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 mm²)

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: 20° Filter (medium), 40° Filter (wide), 55° Filter (very wide), 60 °x 10° Asymmetric Filter