ILUMILINE LOGIC 12 RGB
Item Number: 22012003

LIGHT SOURCE & OPTICAL SPECIFICATIONS
Light Source: 12 LEDs [4 red, 4 green, 4 blue] 1 W (350 mA)
Light Source Lifespan: 50,000 hours based on LED manufacturer’s specifications
Installed Optics: 120°
Beam Angle: 120°
Field Angle: 128°
Lumens: 273
Base Illuminance: 3.95 lux @ 5 m
Color Temperature Presets: N/A
Minimum Distance to Illuminated Surface: 4 in [92 mm]

CONSTRUCTIONS, PHYSICAL SPECIFICATIONS
Length: 15.7 in (400 mm)
Width: 2 in (52 mm)
Height: 2.6 in (66 mm)
Weight: 1.5 lb (0.7 kg)
Color: Brushed aluminum
Ingress Protection Rating: IP20
Housing Material: Extruded aluminum
Lens Cover: Frosted ABS plastic
Installation Orientation: Any

CONTROL SPECIFICATIONS
Control Protocol: USITT DMX-512a, via LOGIC Driver
Control Channels: via LOGIC Driver
Operating Modes: via LOGIC Driver
Stand Alone Control: N/A
Remote Addresser: N/A
Data Connection: 6.6 ft [2 m] RJ45

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: From LOGIC Driver
Power and Current: 18.2 W, 350 mA @ 48 V
Power Supply: Electronic external
Dimmer: N/A
Power Linking: N/A
Power Connection: 6.6 ft [2 m] RJ45

THERMAL SPECIFICATIONS
Cooling: Convection
Startup Temperature Range: 68 °F to 104 °F [20 to 40] °C
Operating Temperature Range: 68 °F to 104 °F [20 to 40] °C
Storage Temperature Range: 68 °F to 104 °F [20 to 40] °C

REGULATORY & VOLUNTARY QUALIFICATION
Certification Listings: ETL, CE
Environment: Dry location, IP20
Warranty: 36 month manufacturer’s limited warranty [for covered regions only]
Iluminar reserves the right to make improvements to this product and its specifications at anytime without notice.

ILUMILINE LΩGIC 12 RGB
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**Installation Notes:**
- Max. drivers for 1 DMX Network: 32
- Install using plenum-grade CAT5/6 for power/data runs.
- Max. length of any power/data cable is 164’ total length.
- Max. length between DMX source and the driver is 1000’ total length.
- All power/data cables must be terminated at a fixture, not a splitter.
- For more information on DMX use and installation, please visit: www.iluminarc.com/reports/dmx-primer
- Connect any combination of LCgic Series fixtures totalling up to 36 LEDs per output from the LCgic Series Driver (Tri-color LEDs count as 3 LEDs per lens).

**Key:**
- Power
- DMX
- Power/Data
- Temp. DMX