ILUMINARC®

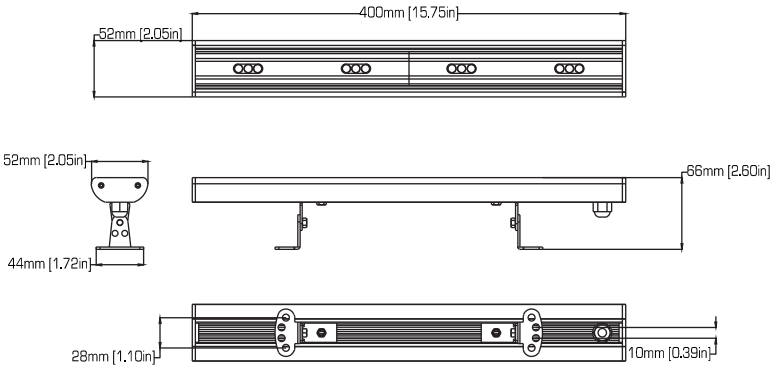
Client:_____

Project:_____

Date:_____Type:_____

ILUMILINE LΩGIC 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)

CONSTRUCTION& 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 LΩGIC Driver
Control Channels: via LΩGIC Driver
Operating Modes: via LΩGIC Driver
Stand Alone Control: N/A
Remote Addresser: N/A
Data Connection: 6.6 ft (2 m) RJ45

ELECTRICAL SYSTEM SPECIFICATIONS

Input Voltage: From LΩGIC 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)

Product Web Page

Iluminarc reserves the right to make improvements to this product and its specifications at anytime without notice.

ILUMINARC®
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Sunrise, FL 33351
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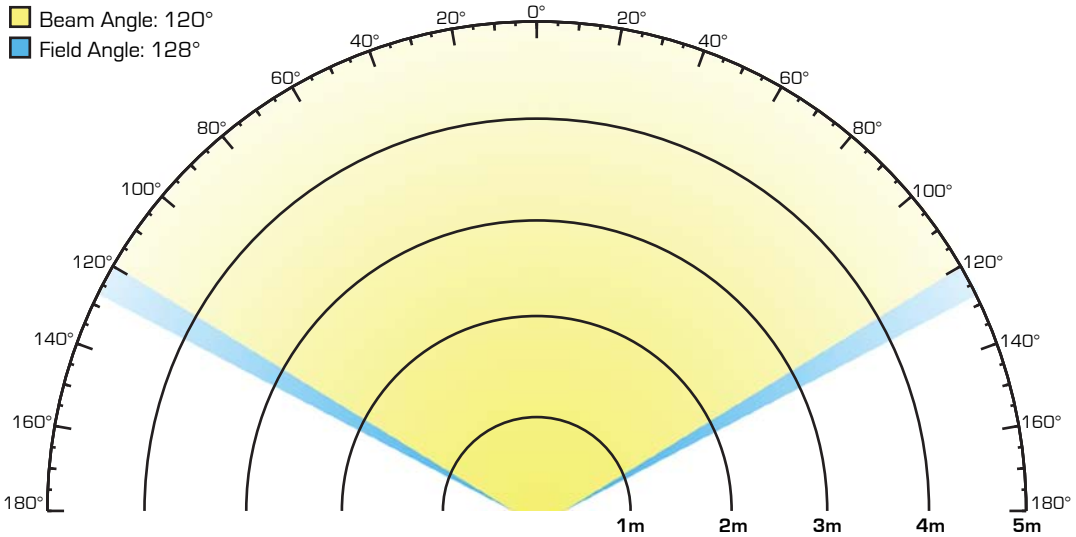
ILUMILINE LQGIC 12 RGB

Item Number: 22012003

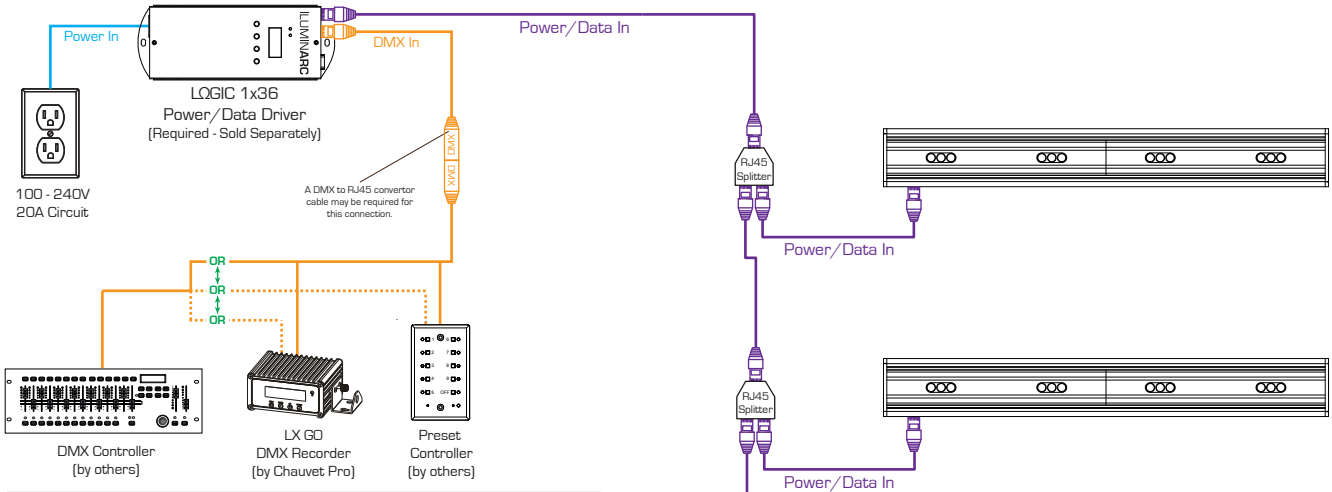
Ilumiline LQGIC 12 RGB

Beam Angle: 120°
Field Angle: 128°



	1m	2m	3m	4m	5m
Iluminance at a Distance (lux):	99	25	11	6	4
Beam Spread: Horizontal(m):	3.5	7.0	10.5	14.0	17.5
Vertical(m):	3.0	5.9	8.9	11.8	14.8

ILUMILINE LQGIC 12 RGB Typical Installation



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 LQgic Series fixtures totalling up to 36 LEDs per output from the LQgic Series Driver (Tri-color LEDs count as 3 LEDs per lens).

Key:

Power — DMX — Power/Data ····· Temp. DMX

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