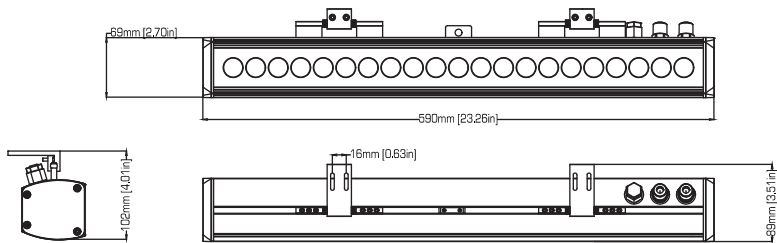# ILUMINARC®

## ILUMILINE 21g2 IP OPTIC 60x10 RGB
**Item Number: 01610557**

Client:_____

Project:_____

Date:_____ Type:_____

### LIGHT SOURCE & OPTICAL SPECIFICATIONS
Light Source: 21 LEDs (7 red, 7 green, 7 blue) 1 W (350 mA)
Light Source Lifespan: 50,000 hours life expectancy based on LED manufacturer's
specifications
Installed Optics: 60° x 10°
Beam Angle: 60° x 24°
Field Angle: 99° x 49°
Lumens: 580
Base Illuminance: 43 lux @ 5 m
Efficacy: 19.6 lm/W
Color Temperature Presets: N/A
Minimum Distance to Illuminated Surface: 4 in (92 mm)

### CONSTRUCTION& PHYSICAL SPECIFICATIONS
Length: 23.2 in (590 mm)
Width: 3.5 in (89 mm)
Height: 4 in (102 mm)
Weight: 7 lb (3.18 kg)
Color: Brushed aluminum
Ingress Protection Rating: IP67
Housing Material: Cast aluminum
Lens Cover: Impact resistant glass
Installation Orientation: Any

### CONTROL SPECIFICATIONS
Control Protocol: USITT DMX-512a
Control Channels: 1, 3, 4 or 7
Operating Modes: Selectable personalities
       Solid (1-channel): dimmer
       Arc 1 (3-channel): red, green, blue
       Arc 1+D (4-channel): dimmer, red, green, blue
       Arc Full (7-channel): dimmer, red, green, blue, color macros, strobe, dimming speed
Stand Alone Control: N/A
Remote Addresser: Ilumicode
Data Connection: 11 ft (3.35 m) Waterproof cable

### ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
Power and Current: 28 W, 0.405 A @ 120 V
                  27 W, 0.222 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: N/A
Power Connection: 9 ft (2.74 m) Waterproof cable

### THERMAL SPECIFICATIONS
Cooling: Convection
Startup Temperature Range: -4 °F to 113 °F (-20 to 45) °C
Operating Temperature Range: -40 °F to 113 °F (-40 to 45) °C
Storage Temperature Range: -40 °F to 167 °F (-40 to 75) °C

### REGULATORY & VOLUNTARY QUALIFICATION
Certification Listings: MET, CE
Environment: Wet location, IP67
Warranty: 36 month manufacturer's limited warranty
           (for covered regions only)

**Product Web Page**

**WWW.ILUMINARC.COM - INFO@ILUMINARC.COM**
Iluminarc reserves the right to make improvements to this product
and its specifications at anytime without notice.

**ILUMINARC®**
**5200 NW 108th Ave.**
**Sunrise, FL 33351**
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# ILUMINARC®

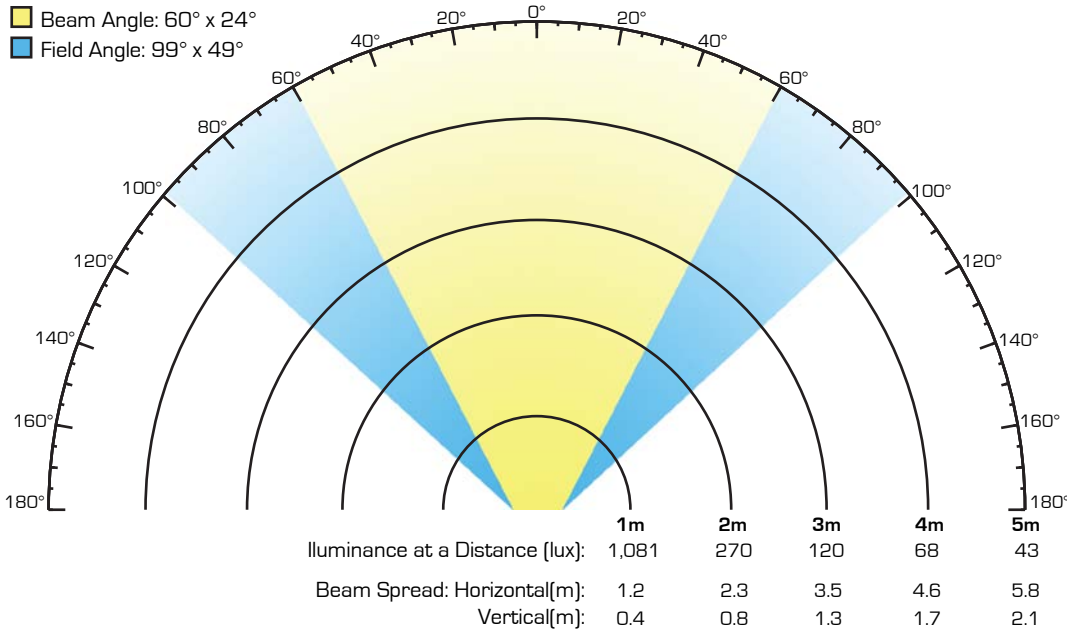## ILUMILINE 21g2 IP OPTIC 60x10 RGB
**Item Number: 01610557**

Client:_____

Project:_____

Date:_____ Type:_____

## Ilumiline 21g2 IP Optic 60x10 RGB

- 🟨 Beam Angle: 60° x 24°
- 🟦 Field Angle: 99° x 49°



| | 1m | 2m | 3m | 4m | 5m |
|---|---|---|---|---|---|
| Iluminance at a Distance (lux): | 1,081 | 270 | 120 | 68 | 43 |
| Beam Spread: Horizontal(m): | 1.2 | 2.3 | 3.5 | 4.6 | 5.8 |
| Vertical(m): | 0.4 | 0.8 | 1.3 | 1.7 | 2.1 |

## Ilumiline 21g2 IP Optic 60x10 RGB Typical Installation



**Installation Notes:**
- Max. fixtures for 1 DMX Network: 32 without Amplifier
- Install 120 Ohm DMX cable. Recommend: Belden 7201A, ProPlex PC224T
- For systems over 1000' in length a DMX Amplifier/Splitter is required.
- DMX Terminator is required at the end of a DMX run.
- Ilumicode Addresser is required on initial installation for addressing and assigning of fixture features.
- For more information on DMX use and installation, please visit: www.iluminarc.com/reports/dmx-primer
- Each fixtures draws 28W, 0.4A at 120V

**Key:**
- —— Power
- —— DMX
- ······· Temp. DMX
- ········ Optional