# ILUMINARC®

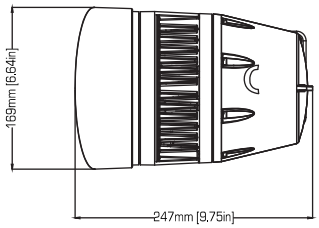
Client:_____

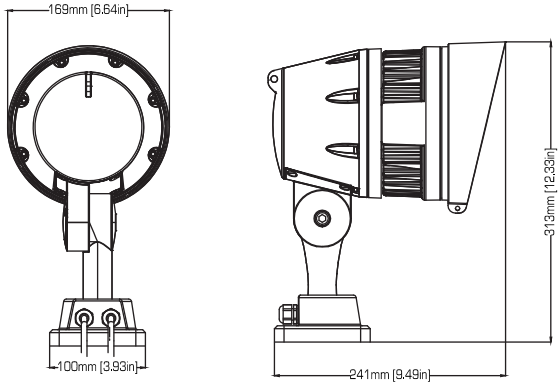
Project:_____

Date:_____Type:_____

## ILUMIPOD 18g2 IP OPTIC 30 RGB

**Item Number: 01630554**



### LIGHT SOURCE & OPTICAL SPECIFICATIONS

Light Source: 18 LEDs (6 red, 6 green, 6 blue) 2 to 3 W (700 to 1,000 mA)
Light Source Lifespan: 50,000 hours based on LED manufacturer's specifications
Installed Optics: 30°
Beam Angle: 20°
Field Angle: 38°
Lumens: 1,227
Base Illuminance: 285 lux @ 5 m
Efficacy: 21.6 lm/W
Color Temperature Presets: N/A
Minimum Distance to Illuminated Surface: 4 in (92 mm)

### CONSTRUCTION& PHYSICAL SPECIFICATIONS

Length: 9.8 in (247 mm)
Width: 6.6 in (169 mm)
Height: 12.3 in (313 mm)
Weight: 11.6 lb (5.3 kg)
Color: Off white
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: 9.6 ft (2.92 m) Waterproof cable

### ELECTRICAL SYSTEM SPECIFICATIONS

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
Power and Current: 57 W, 0.45 A @ 120 V
53 W, 0.25 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: N/A
Power Connection: 9.6 ft (2.92 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**



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

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Sunrise, FL 33351
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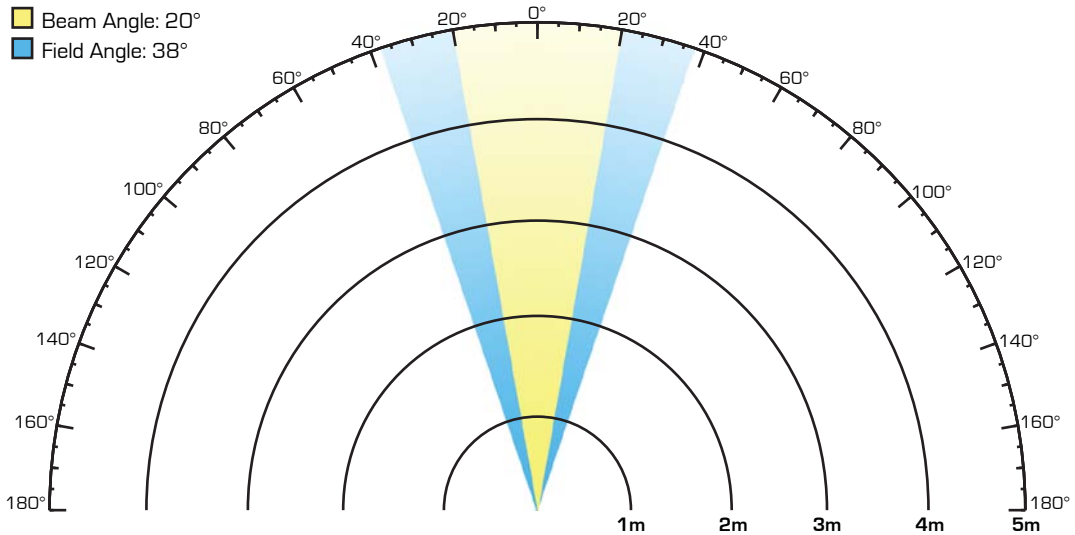
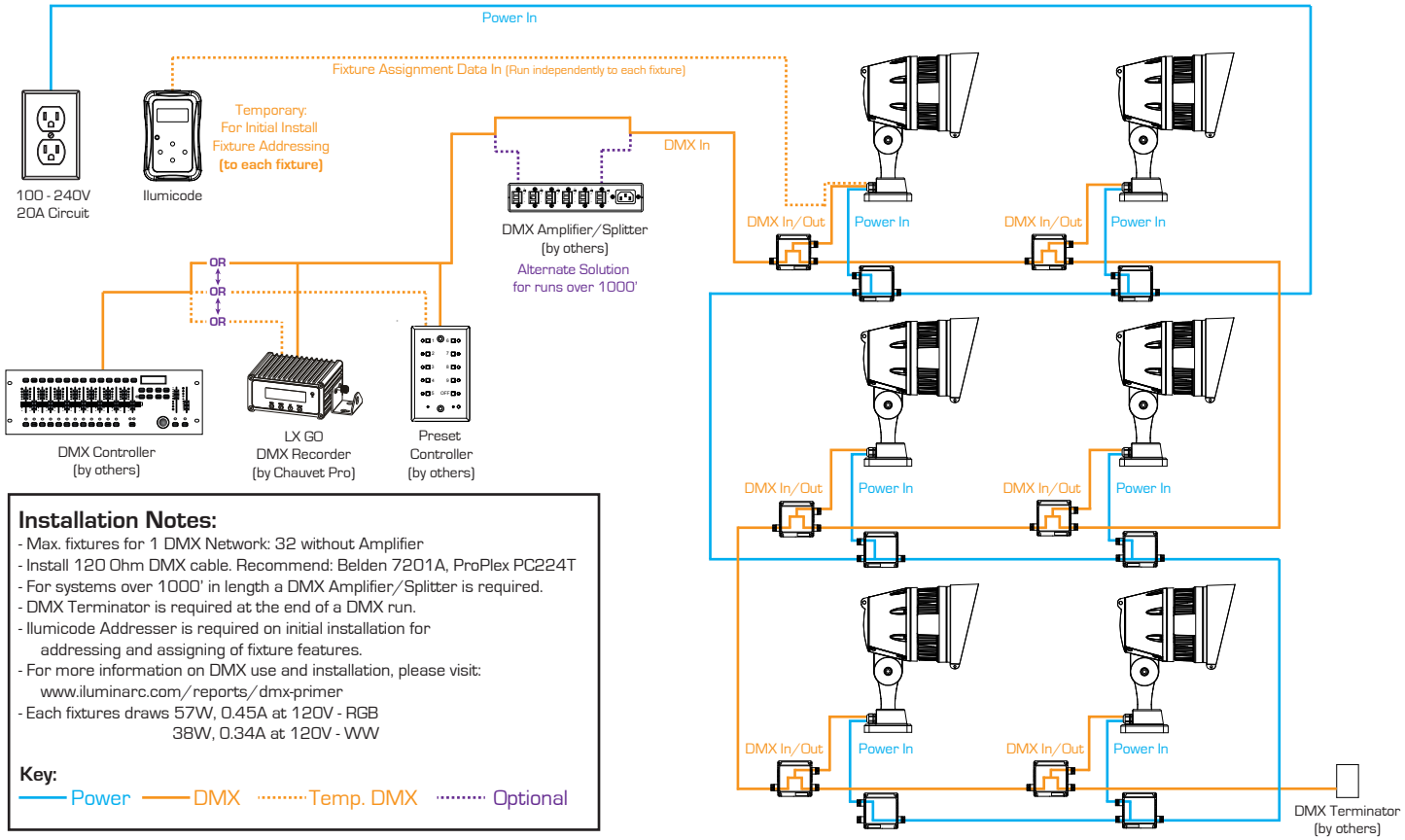



| | 1m | 2m | 3m | 4m | 5m |
|---|---|---|---|---|---|
| Iluminance at a Distance (lux): | 7,132 | 1,783 | 792 | 446 | 285 |
| Beam Spread: Horizontal(m): | 0.4 | 0.7 | 1.1 | 1.5 | 1.8 |
| Vertical(m): | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 |

## Ilumipod 18g2 IP Optic 30 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 57W, 0.45A at 120V - RGB
  38W, 0.34A at 120V - WW

**Key:**

Power — DMX ····· Temp. DMX ····· Optional

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