ILUMINARC 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]

CONSTRUCTIONS, 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)
Client: ________________________
Project: ______________________
Date: ________________ Type: ________________

Ilumipod 18g2 Optic 30 RGB

**Power In**

**Alternate Solution** for runs over 1000'

**Temporary:**
- For Initial Install
- Fixture Addressing (to each fixture)

**DMX In**

**DMX Amplifier/Splitter** (by others)
- Alternates Solution for runs over 1000'

**DMX In/Out**

**DMX Controller** (by others)

**Ilumicode**

**DMX Recorder** (by Chauvet Pro)

**Preset Controller** (by others)

**Ilumicode Addresser** is required on initial installation for addressing and assigning of fixture features.

**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 fixture draws 57W, 0.45A at 120V - RGB
  - 38W, 0.34A at 120V - WW

**Ilumiance at a Distance (lux):**

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>1m</th>
<th>2m</th>
<th>3m</th>
<th>4m</th>
<th>5m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam Spread: Horizontal</td>
<td>7.132</td>
<td>1.783</td>
<td>792</td>
<td>446</td>
<td>285</td>
</tr>
<tr>
<td>Beams: Horizontal (m)</td>
<td>0.4</td>
<td>0.7</td>
<td>1.1</td>
<td>1.5</td>
<td>1.8</td>
</tr>
<tr>
<td>Vertical: Vertical (m)</td>
<td>0.4</td>
<td>0.7</td>
<td>1.1</td>
<td>1.4</td>
<td>1.8</td>
</tr>
</tbody>
</table>

**Beam Angle:** 20°

**Field Angle:** 38°

**Ilumipod 18g2 Optic 30 RGB Typical Installation**