**ILUMIPANEL 24g2 IP OPTIC 30 RGB**

Item Number: 01620928

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**ELECTRICAL SYSTEM SPECIFICATIONS**

- **Input Voltage:** 100 to 277 VAC, 50/60 Hz (auto-ranging)
- **Power and Current:**
  - 66 W, 0.57 A @ 120 V
  - 63 W, 0.33 A @ 230 V
  - 63 W, 0.30 A @ 277 V
- **Power Supply:** Electronic internal
- **Dimmer:** Electronic
- **Power Linking:** N/A
- **Power Connection:** 6.25 ft (1.9 m) Waterproof cable

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**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

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**REGULATORY & VOLUNTARY QUALIFICATION**

- **Certification Listings:** MET, CE
- **Environment:** Wet location, IP67
- **Warranty:** 36 month manufacturer's limited warranty (for covered regions only)

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**LIGHT SOURCE & OPTICAL SPECIFICATIONS**

- **Light Source:** 24 LEDs [8 red, 8 green, 8 blue] 3 W (900 mA)
- **Light Source Lifespan:** 50,000 hours based on LED manufacturer's specifications
- **Installed Optics:** 30°
- **Beam Angle:** 21°
- **Field Angle:** 40°
- **Lumens:** 1,400
- **Base Illuminance:** 305 lux @ 5 m
- **Efficacy:** 20.6 lm/W
- **Color Temperature Presets:** N/A
- **Minimum Distance to Illuminated Surface:** 4 in (92 mm)

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**CONSTRUCTION & PHYSICAL SPECIFICATIONS**

- **Length:** 12.1 in (306 mm)
- **Width:** 4.1 in (104 mm)
- **Height:** 11.9 in (301 mm)
- **Weight:** 14.8 lb (6.7 kg)
- **Color:** Off white
- **Ingress Protection Rating:** IP67
- **Housing Material:** Cast aluminum
- **Lens Cover:** Impact resistant glass
- **Installation Orientation:** Any

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**CONTROL SPECIFICATIONS**

- **Control Protocol:** USITT DMX-512a
- **Stand Alone Control:** N/A
- **Remote Addresser:** Ilumicode
- **Data Connection:** 6.25 ft (1.9 m) Waterproof cable

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**LIMITED WARRANTY**

Iluminarc reserves the right to make improvements to this product and its specifications at anytime without notice.
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- Beam Angle: 21°
- Field Angle: 40°
- Iluminance at a Distance (lux):
  - 2m: 1,907
  - 4m: 477
  - 6m: 212
  - 8m: 119
  - 10m: 76
- Beam Spread (m):
  - 0.8
  - 1.5
  - 2.3
  - 3.1
  - 3.9

Ilumipanel 24g2 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.
- Ilumicode Addresser is required on initial installation for addressing and assigning fixture features.

For more information on DMX use and installation, please visit: www.iluminarc.com/reports/dmx-primer