ILUMIPANEL 28 IP OPTIC 30 RGB
Item Number: 01620438

LIGHT SOURCE & OPTICAL SPECIFICATIONS
Light Source: 28 LEDs (10 red, 9 green, 9 blue) 1 W (350 mA)
Light Source Lifespan: 50,000 hours based on LED manufacturer’s specifications
Installed Optics: 30°
Beam Angle: 27°
Field Angle: 53°
Lumens: 719
Base Illuminance: 98 lux @ 5 m
Efficacy: 21.1 lm/W
Color Temperature Presets: N/A
Minimum Distance to Illuminated Surface: 4 in (92 mm)

CONSTRUCTIONS, PHYSICAL SPECIFICATIONS
Length: 11.1 in (283 mm)
Width: 3.4 in (87 mm)
Height: 9.3 in (235 mm)
Weight: 6.5 lb (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: 9.8 ft (3 m) Waterproof cable

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
Power and Current: 37.8 W, 0.5 A @ 120 V
36 W, 0.4 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: N/A
Power Connection: 9.8 ft [3 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)

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- Beam Angle: 27°
- Field Angle: 53°

Ilumipanel 28 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 fixture draws 36W, 0.4A at 120V

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

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