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

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)

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: Iluminarc
Data Connection: 11 ft (3.35 m) Waterproof cable

WWW.ILUMINARC.COM - INFO@ILUMINARC.COM
Iluminarc reserves the right to make improvements to this product and its specifications at anytime without notice.
Ilumiline 21g2 IP Optic 60x10 RGB

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 fixture draws 28W, 0.4A at 120V

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

100 - 240V 20A Circuit

DMX Controller (by others)

DMX Recorder (by Chauvet Pro)

DMX Amplifier/Splitter (by others)

DMX Terminator (by others)

Power In

DMX In

DMX Out

DMX In/Out

Alternate Solution for runs over 1000’

Fixture Assignment Data In (Run independently to each fixture)

Temporary: For initial install fixture addressing (to each fixture)

Iluminance at a Distance (lux):
- 1m: 1,081
- 2m: 270
- 3m: 120
- 4m: 68
- 5m: 43

Beam Spread: Horizontal (m):
- 1m: 1.2
- 2m: 2.3
- 3m: 3.5
- 4m: 4.6
- 5m: 5.8

Vertical (m):
- 1m: 0.4
- 2m: 0.8
- 3m: 1.3
- 4m: 1.7
- 5m: 2.1

Iluminance at a Distance:
- 1m: 1,081 lux
- 2m: 270 lux
- 3m: 120 lux
- 4m: 68 lux
- 5m: 43 lux

Beam Angle: 60° x 24°

Field Angle: 99° x 49°