ILUMILINE INGROUND TRI-12 IP OPTIC 25 RGB
Item Number: 12012007

ELECTRICAL SYSTEM SPECIFICATIONS
Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
Power and Current: 38 W, 0.6 A @ 120 V
40 W, 0.3 A @ 230 V
Power Supply: Electronic internal
Dimmer: Electronic
Power Linking: N/A
Power Connection: 9.8 ft (3 m)

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: 12 LEDs (tri-color RGB) 3 W (1,050 mA)
Light Source Lifespan: 50,000 hours based on LED manufacturer’s specifications
Installed Optics: 25°
Beam Angle: 19°
Field Angle: 37.5°
Lumens: 879
Base Illuminance: 222 lux @ 5 m
Efficacy: 19.6 lm/W
Color Temperature Presets: N/A
Minimum Distance to Illuminated Surface: 4 in [92 mm]

CONSTRUCTIONS PHYSICAL SPECIFICATIONS
Length: 26 in (660 mm)
Width: 3.7 in (96 mm)
Height: 5 in (127 mm)
Weight: 17.6 lb (8 kg)
Color: Brushed stainless steel
Ingress Protection Rating: IP67
Housing Material: Cast aluminum, stainless steel
Lens Cover: Impact resistant glass
Installation Orientation: Any

CONTROL SPECIFICATIONS
Control Protocol: USITT DMX-512a
Control Channels: 1, 3, 4, 6 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
Special 1 [6-channel]: red, green, blue per module (two modules)
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

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Iluminarc reserves the right to make improvements to this product
and its specifications at anytime without notice.
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- Beam Angle: 19°
- Field Angle: 37.5°

Ilumiline Inground Tri-12 IP Optic 25 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 38W, 0.6A at 120V

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

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