ILUMIPD INGROUND Tri-12 IP OPTIC 25 RGB
Item Number: 11012001

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: 18°
Field Angle: 34°
Lumens: 679
Base Illuminance: 225 lux at 5 m
Efficacy: 17.4 lm/W
Color Temperature Presets: N/A
Minimum Distance to Illuminated Surface: 4 in (92 mm)

CONSTRUCTION & PHYSICAL SPECIFICATIONS
Diameter: 12.6 in (320 mm)
Height: 5.7 in (145 mm) (mounted in pour kit)
Weight: 17.6 lb (8 kg)
Color: Brushed stainless steel
Ingress Protection Rating: IP67
Housing Material: Cast aluminum, Stainless steel
Lens Cover: Drive-over rated 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
  Special1 (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

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

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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Iluminarc reserves the right to make improvements to this product and its specifications at anytime without notice.
Ilumipod Inground Tri-12 IP Optic 25 RGB

**Beam Angle:** 18°
**Field Angle:** 34°

**Iluminance at a Distance (lux):**
- 1m: 5,634
- 2m: 1,408
- 3m: 626
- 4m: 352
- 5m: 225

**Beam Spread (m):**
- Horizontal: 0.3, 0.6, 1.0, 1.3, 1.6
- Vertical: 0.3, 0.6, 1.0, 1.3, 1.6

**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 fixture features.
- DMX Controller is recommended for initial installation.
- For more information on DMX use and installation, please visit: www.iluminarc.com/reports/dmx-primer
- Each fixture draws 38W, 0.6A at 120V - RGB
  28W, 0.4A at 120V - WW

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