Dialight

Shown with Junction Box
(RTO-2W07-001)   Patents Pending

SafeSite® RTO LED
WHITE DOWNLIGHT

RTO-2W07-001   RTO-2W07-005   RTO-2W07-004

Dimensions in Inches [mm]

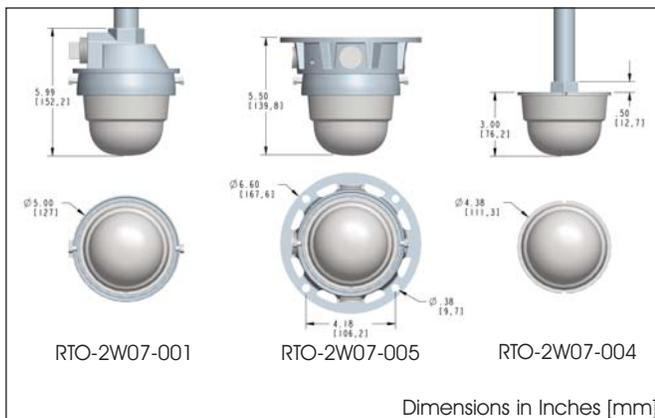**Certifications & Ratings:**
▷ Class I, Division 2, Groups A,B,C,D
  Hazardous environments T3C rated (-40°C - +55°C)
▷ UL844 / UL1598
▷ CSA C22.2 #250 / CSA C22.2 #137
▷ IP66
▷ NEMA 4x

Features & Benefits:
▷ Low power consumption
▷ Instant on/off response
▷ Weather/corrosion resistant lamp assembly and housing
▷ Universal input (120-240 VAC), 50/60 Hz
▷ Resistant to shock and vibration
▷ 5 year warranty
▷ 70% lumen maintenance after 60,000 operating hours

Application:
Dialight introduces the new state-of-the-art fixture SafeSite RTO Series White LED Downlight for hazardous location lighting. Whether your application is in a refinery, oil platform, chemical plant or any other hazardous area application, this fixture offers improved performance across the board.

All of Dialight's long life LED luminaires are designed to meet the most demanding specification criteria while offering maxiunum energy savings, reduced maintenance costs, and a superior quality of light.

Mechanical Information:

Container Dimensions:	7.60" x 5.25" x 5.75" 193.04mm x 133.35 mm x 146.05mm
Container Weight:	2 lbs (0.91 kg)
Mounting:	**Pendant Mount (-001)** 1" & 3/4" NPT reducer bi-directional mounting **Ceiling Mount (-005)** 3/4" NPT 5-way surface mounting **Pendant Mount (-004)** 3/4" NPT threaded conduit

Electrical specifications:

Operating Voltage:	120-277 VAC, 50/60 Hz
Power Consumption:	8 W (nom)
Operating Temp:	-40°F to +133°F (-40°C to +55°C)
Surge / Lightning Protection:	1 kV line to line 2 kV line to ground
THD:	< 20 %
Power Factor:	> 0.9

Material:

Housing:	Diecast powder coat aluminum base
Lens:	UV stabilized abrasion resistant polycarbonate

Photometric Information:

CRI:	70
CCT:	5100K

Order Codes:

Part Number	Mounting
RTO-2W07-001	Downlight - Pendant Mount w/ Junction Box
RTO-2W07-005	Downlight - Ceiling Mount w/ Junction Box
RTO-2W07-004	Downlight only - Pendant Mount

*Accessories - Wall Mount Kits:

Part Number	Mounting
RTO-1000	Flush wall mount
RTO-1001	Junction box wall mount

*For use with pendant mount fixtures

SafeSite® RTO LED White Downlight Mounting Options

Conduit not supplied

Pendant Mount Configuration
RTO-2W07-001
(w/ Junction Box)

Ceiling Mount Configuration
RTO-2W07-005
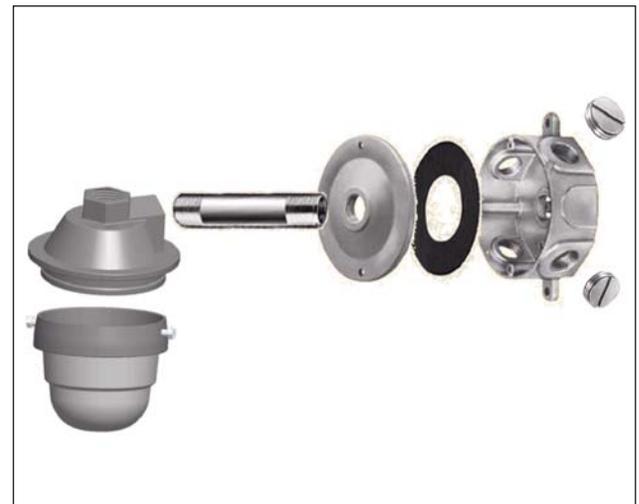**(w/ Junction Box)**

Conduit not supplied
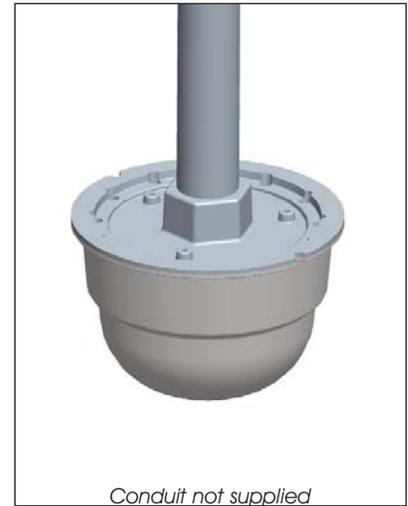
Pendant Mount Configuration
RTO-2W07-004

SafeSite® RTO LED White Downlight Mounting Accessories

FLush Wall Mount
RTO-1000

Junction Box Wall Mount
RTO-1001

MDTFSSRTOX001_C