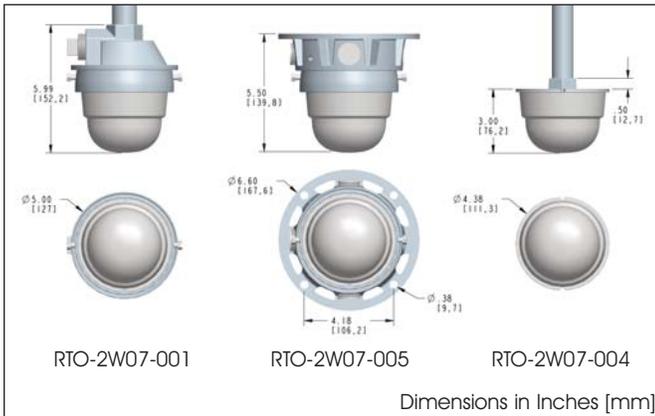




Patent Pending

## SafeSite® Series LED Downlight



### Certifications

- Class I, Division 2, Groups A,B,C,
- UL844 / UL1598
- CSA C22.2 #250 / CSA C22.2 #13
- IP66

### Features & Benefits

- 5 year full performance warranty
- Instant on/off operation
- Superior color rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Weather/corrosion resistant lamp assembly and housing
- Temperature compensation technology for longer life
- L70 rated for >60,000 hours
- Factory sealed
- Low T rating compared to traditional fixtures

### Ordering Codes:

Part Number	Mounting	Color	Lumens	Watts	Lumens Per Watt
100 - 240VAC					
RTO2W07001	Pendant Mount with Junction Box	Cool White	470	8	59
RTO2W07005	Ceiling Mount with Junction Box	Cool White	470	8	59
RTO2W07004	Pendant Mount	Cool White	470	8	59
12 - 48VDC					
RTO2W08001	Pendant Mount with Junction Box	Cool White	470	8	59
RTO2W08005	Ceiling Mount with Junction Box	Cool White	470	8	59
RTO2W08004	Pendant Mount	Cool White	470	8	59

### Accessories:

Part Number	Description
RTO1000	Flush wall mount kit
RTO1001	Junction box wall mount kit

### Application:

Dialight introduces the new state-of-the-art fixture SafeSite 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 maximum energy savings, reduced maintenance costs, and a superior quality of light.

### Mechanical Information

Fixture Weight:	RTO2W0x001 - 2.5 lbs (1.13 kg)
	RTO2W0x005 - 3.2 lbs (1.45 kg)
	RTO2W0x004 - 0.8 lbs (0.36 kg)
Shipping Weight:	RTO2W0x001 - 3.0 lbs (1.36 kg)
	RTO2W0x005 - 4.5 lbs (2.04 kg)
	RTO2W0x004 - 1.4 lbs (0.64 Kg)
Mounting:	Pendant mount - with 3/4" NPT threaded conduit
	Pendant mount with junction box - 1" & 3/4" NPT reducer bi-directional mounting
	Ceiling mount with junction box - 3/4" NPT 5-way surface mounting

### Electrical specifications

Operating Voltage:	100 - 240VAC, 50/60 Hz
	12 - 48VDC
Power Consumption:	8W
Operating Temp:	-40°F to +133°F (-40°C to +55°C)
Noise Requirements/ EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
Surge Protection:	1 kV line to line
	2 kV line to ground
THD:	<20%
Power Factor:	> 0.9

### Construction

Housing:	Diecast Powder coated aluminum
Finish:	Polyester / epoxy powder coat gray RAL 7040 for superior corrosion resistance
Lens:	UV stabilized abrasion resistant polycarbonate

### Photometric Information

CRI:	> 70
CCT:	5,300K (cool white)
IES Files:	Available upon request

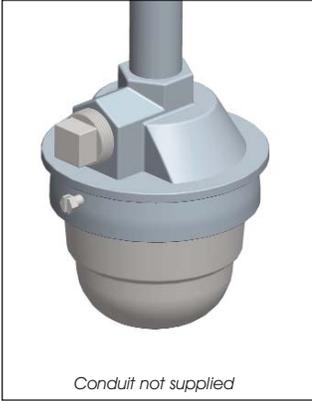
All values typical unless otherwise state

Temperature Ratings
Ambient Temperature Range
T3C Temperature Code
-40°F to +131°F (-40°C to +55°C)

# SafeSite® Series LED Downlight

## Mounting Options

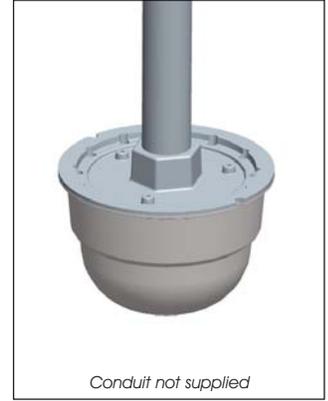
Pendant Mount With Junction Box



Ceiling Mount With Junction Box



Pendant Mount



## Mounting Accessory Mounting Kits

FLush Wall Mount - RTO1000



Junction Box Wall Mount - RTO1001

