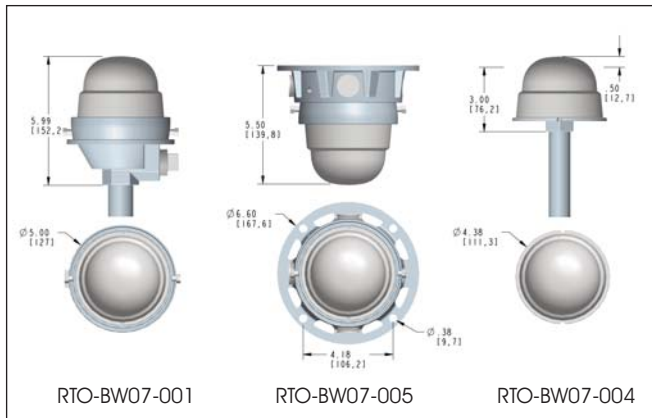




Shown with Junction Box  
(RTO-BW07-001)

## SafeSite® Series LED WHITE Visual Signal



Dimensions in Inches [mm]

### Certifications & Ratings:

- ▷ Class I, Div. 2 Groups A,B,C,D Hazardous Environments T3C Rated
- ▷ Class II, Div. 2 Groups F,G
- ▷ UL1598, UL844, UL50, UL50E
- ▷ CSA C22.2 #250
- ▷ IP66, NEMA 4X

### Features & Benefits:

- ▷ Low power consumption
- ▷ Instant on/off response
- ▷ Weather/corrosion resistant lamp assembly and housing
- ▷ Universal input (120-277 VAC), 50/60 Hz
- ▷ Resistant to shock and vibration
- ▷ 5 year warranty
- ▷ 70% lumen maintenance after 60,000 operating hours

### Order Codes:

| Part Number  | Mounting                                  |
|--------------|-------------------------------------------|
| RTO-BW07-001 | Downlight - Pendant Mount w/ Junction Box |
| RTO-BW07-004 | Downlight only - Pendant Mount            |
| RTO-BW07-005 | Downlight - Ceiling Mount w/ Junction Box |

### Application:

Dialight introduces the new state-of-the-art fixture for industrial signal and emergency light. Its rugged solid state design creates a new era where failed lamps and expensive relamping costs become a thing of the past. The RTO series incorporates cutting edge LED technology and is the most efficient light source available for industrial lighting applications. Whether your application is in a refinery, oil platform, chemical plant or any other industrial 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:

**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)** - with 3/4" NPT threaded conduit

### Electrical specifications:

**Operating Voltage:** 120-277 VAC, 50/60 Hz  
250 VDC (Requires DC Line Fuse)

**Power Consumption:** 9W (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 (Typ):** 5100k

## SafeSite® Series LED White Visual Signal Mounting Options



**Pendant Mount Configuration  
RTO-BW07-001  
(w/ Junction Box)**



**Ceiling Mount Configuration  
RTO-BW07-005  
(w/ Junction Box)**



**Pendant Mount Configuration  
RTO-BW07-004**

Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:

[www.dialight.com/Assets/Brochures\\_And\\_Catalogs/Illumination/MDTFWVSLX001.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFWVSLX001.pdf)

MDTFWVSLX001\_A