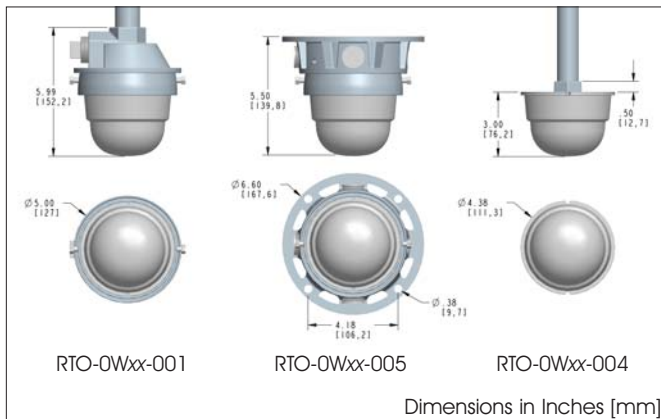




Patent Pending

DuroSite® RTO LED Area Light



Certifications & Ratings

- UL 1598
- CSA 22.2 No. 137-M1981
- IP 66

Features & Benefits

- 5 year full performance warranty
- L70 rated for >100,000 hours @ 25°C ambient
- 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
- Factory sealed

Pendant Mount

Pendant Mount With
Junction Box

Ceiling Mount With
Junction Box



Conduit not supplied

Application:

Dialight introduces the new state-of-the-art fixture for industrial general lighting. Its rugged solid state design creates a new era where failed lamps and expensive relamping costs become a thing of the past. The DuroSite® LED Downlight 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

Fixture Weight	
RTO0Wxx001:	2.5 lbs (1.13 kg)
RTO0Wxx005:	3.2 lbs (1.45 kg)
RTO0Wxx004:	0.8 lbs (0.36 kg)

Shipping Weight	
RTO0Wxx001:	3.0 lbs (1.36 kg)
RTO0Wxx005:	4.5 lbs (2.04 kg)
RTO0Wxx004:	1.4 lbs (0.64 kg)

Mounting	
Pendant Mount:	1" & 3/4" NPT reducer bi-directional mounting
Ceiling Mount:	3/4" NPT 5-way surface mounting
Pendant Mount:	3/4" NPT threaded conduit

Electrical specifications

Operating Voltage:	100 - 277V AC, 50/60 Hz or 12 - 48V DC
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Power Consumption:	8W
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Operating Temp:	-40°F to +133°F (-40°C to +55°C)
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Noise Requirements/ EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
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Surge Protection:	1 kV line to line 2 kV line to ground
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THD:	<20%
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Power Factor:	> 0.9
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Construction

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

CRI:	70
CCT:	6,000K (cool white)
IES Files:	Available upon request



All values typical unless otherwise state
All lumen values typical (tolerance +/- 10%)

DuroSite® RTO LED Area Light

Ordering Information

Part Number	Voltage	Mounting	CCT	Lumens	Wattage	LPW
100 - 277V AC						
RTO0W17001	100 - 277V AC	Pendant Mount with Junction Box	Cool White	800	8	100
RTO0W17005	100 - 277V AC	Ceiling Mount with Junction Box	Cool White	800	8	100
RTO0W17004	100 - 277V AC	Pendant Mount	Cool White	800	8	100
RTO0W07001	100 - 277V AC	Pendant Mount with Junction Box	Cool White	470	8	59
RTO0W07005	100 - 277V AC	Ceiling Mount with Junction Box	Cool White	470	8	59
RTO0W07004	100 - 277V AC	Pendant Mount	Cool White	470	8	59
12 - 48V DC						
RTO0W18001	12 - 48V DC	Pendant Mount with Junction Box	Cool White	800	8	100
RTO0W18005	12 - 48V DC	Ceiling Mount with Junction Box	Cool White	800	8	100
RTO0W18004	12 - 48V DC	Pendant Mount	Cool White	800	8	100
RTO0W08001	12 - 48V DC	Pendant Mount with Junction Box	Cool White	470	8	59
RTO0W08005	12 - 48V DC	Ceiling Mount with Junction Box	Cool White	470	8	59
RTO0W08004	12 - 48V DC	Pendant Mount	Cool White	470	8	59

Accessory Mounting Kits

	Part Number	Description	Kit Includes
	RTO1000	Flush Wall Mount	Wall mount Conduit
	RTO1001	Junction Box Wall Mount	Junction box mounting hardware

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/MDTFWRTOX001.pdf. Warranty Statement: EXCEPT FOR THE WARRANTY EXPRESSLY PROVIDED FOR [HEREIN/ABOVE/BELOW], DIALIGHT DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NONINFRINGEMENT.