

SafeSite® Series LED WHITE DOWNLIGHT Hazardous Location



Certified to: *Class I, Div 2, Groups A, B, C, D hazardous environments T4A rated
Class II, Div 2, Groups F, G hazardous environments T3B rated
UL 844 / NEMA 4X; UL 1598 / UL1598A
CSA 22.2 / IP66 rated
Suitable for wet locations*

APPLICATION

The SafeSite® Series is the new, state-of-the-art fixture for hazardous location lighting. Its rugged solid-state design creates a new era where failed lamps and expensive relamping costs become a thing of the past. This light incorporates both cutting edge LED technology along with proprietary optics to achieve area lighting comparable with other traditional light sources. By focusing the light where it is needed, the SafeSite Series is the most efficient light source available for hazardous area lighting applications. Whether your application is in a refinery, oil platform, chemical plant or any other Class I, Division 2 or Class II Division 2 application, this fixture offers improved performance across the board. The SafeSite is the ideal solution for offshore oil platforms, Co-Gen facilities, refineries and the mining industry.

FEATURES / BENEFITS

- Class I, Div 2 Groups A, B, C, D hazardous environments; T4A rated
- Class II, Div 2, Groups F, G hazardous environments; T3B rated
- State-of-the-art solid-state lighting source
- Low power consumption
- Universal input supply (120-277 VAC)
- Patent pending optical design
- Self-contained wiring compartment eliminates additional junction boxes
- Instant On/Off response
- Resistant to shock and vibration
- Weather / corrosion resistant lamp assembly and housing
- Power factor > 0.9
- Wide operating voltage range
- 5 year warranty
- THD < 20%
- IP 66 rated

ORDERING INFORMATION

Class I, Div 2 & Class II, Div 2 - 150 Watt Equivalent	
HZC-02-150-1111-201	SafeSite 150 180 Degree Beam
HZC-02-150-1111-301	SafeSite 150 360 Degree Beam
HZC-02-150-1111-202*	SafeSite 150 180 Degree Beam, HVS
HZC-02-150-1111-302*	SafeSite 150 360 Degree Beam, HVS
Class I, Div 2 & Class II, Div 2 - 250 Watt Equivalent	
HZC-02-250-1111-201	SafeSite 250 180 Degree Beam
HZC-02-250-1111-301	SafeSite 250 360 Degree Beam
HZC-02-250-1111-202*	SafeSite 250 180 Degree Beam, HVS
HZC-02-250-1111-302*	SafeSite 250 360 Degree Beam, HVS

ATEX Certified - 150 Watt Equivalent	
HZC-04-150-1111-201	SafeSite 150 180 Degree
HZC-04-150-1111-301	SafeSite 150 360 Degree
ATEX Certified - 250 Watt Equivalent	
HZC-04-250-1111-201	SafeSite 250 180 Degree
HZC-04-250-1111-301	SafeSite 250 360 Degree

SPECIFICATIONS

Operating Voltage:

120 to 277 VAC; 50 - 60 Hz 24-48 VDC

Power Consumption:

@ 120 VAC = 100 VA @24-48 VDC = 100 VA

Lightsource: LEDs > 10+ year life expectancy

Operating / Storage Temperature: -40°C to +55°C (-40°F to +133°F)

Surge / Lightning Protection:

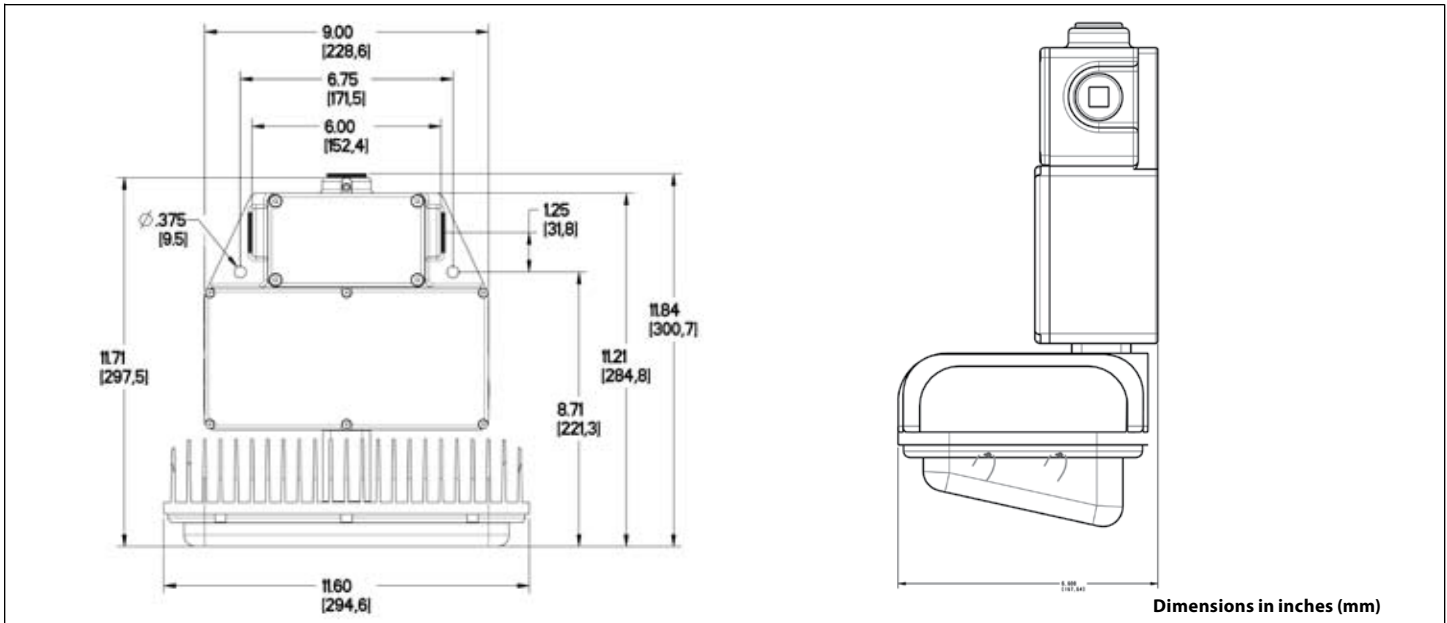
1kV line to line

2kV line to ground

Rated Life: 70% lumen maintenance over 60,000 operating hours

Harmonics: IEC 6100-3-2

MECHANICAL DIMENSIONS



Dimensions in inches (mm)

LIGHT MEASUREMENT DATA

