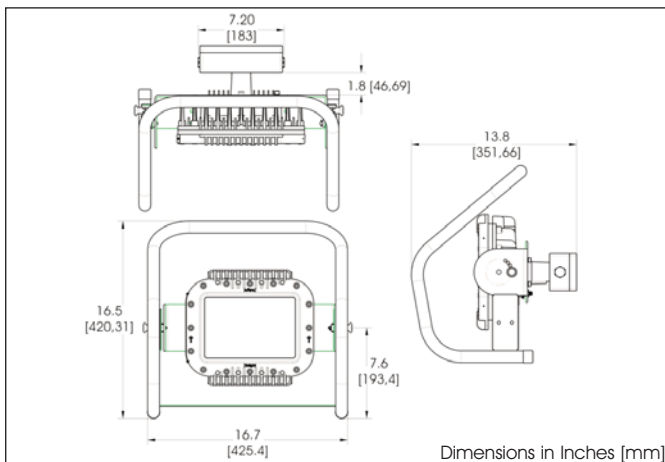


Dialight



Patent Pending

SafeSite® LED Area Light ATEX / IECEx - Transportable



Certifications

- Ex II 2GD Ex d e IIC T4 Gb (Ta = -40°C to +65°C)
- Ex II 2GD Ex d e IIC T5 Gb (Ta = -40°C to +42°C)
- Ex † IIIIC T1 35°C Db IP 6X (Ta = -40°C to +65°C)
- Ex † IIIIC T1 00°C Db IP 6X (Ta = -40°C to +42°C)
- Certificate numbers: IECEx SIR 11.0156
SIRA 11ATEX1357
- ATEX Zones 1, 21
- ATEX Zones 2, 22
- IP 66
- IP 67
- RoHS compliant

Features & Benefits

- L70 rated for > 100,000 hours @ 25°C ambient
- 5 year full performance warranty
- Instant on/off operation
- Superior colour rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life

Application:

The SafeSite® LED area light represents the future of energy efficient facility illumination for hazardous areas worldwide. The ATEX / IECEx area lighting fixture consumes at least 50% less energy compared to traditional HID light sources, while reducing maintenance and carbon emissions. This light incorporates both cutting edge LED technology along with proprietary optics to achieve area lighting comparable with other traditional light sources.

Mechanical Information

Fixture Weight:	9.98kg (22 lb)
Shipping Weight:	11.34kg (25lb)
Mounting:	Transportable bracket with junction box

Electrical specifications

Operating Voltage:	110-277V AC, 50/60 Hz or 24 - 48V DC
Power Consumption:	43W / 55W / 70W
Operating Temp:	-40°C to +65°C (-40°F to +149°F)
Surge Protection:	1 kV line to line 2 kV line to ground

THD:	<20%
Power Factor:	> 0.9

Construction

Housing:	Powder coated A360 aluminum
Finish:	Yellow powder coated (RAL 1018)
Lens:	Toughened glass

Photometric Information

CRI:	> 70
CCT:	5,700K (cool white) 4,500K (neutral white)
Optics:	360° forward throw
IES Files:	Available upon request

All values typical unless otherwise state
All Lumen Values are typical (tolerance +/- 10%)



SafeSite® LED Area Light - ATEX / IECEx - Transportable

Ordering Information

Part Number**	Voltage	Optical Pattern	Color†	Lumens	Watts	Lumens Per Watt
Standard models - 110 - 277V AC						
THZA9C2N-LT	110 - 277V AC	360	Cool White	6,000	70	86
THZA5C2N-LT	110 - 277V AC	360	Cool White	5,000	55	91
THZA3C2N-LT	110 - 277V AC	360	Cool White	4,000	43	93
Standard models - 24 - 48V DC						
THZA9C8N-LT	24 - 48V DC	360	Cool White	6,000	70	86

*Part numbers listed in the above table are cool white. For neutral white models replace the 6th character with N Ex: THZA2C2N-LT becomes THZA2N2N-LT

Options and Accessories

Part Number	Description	Kit Includes
HZXS BK	Sand Blast Shield	Sand blast shield 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/MDTFHZZSATEUX001.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 NON-INFRINGEMENT.