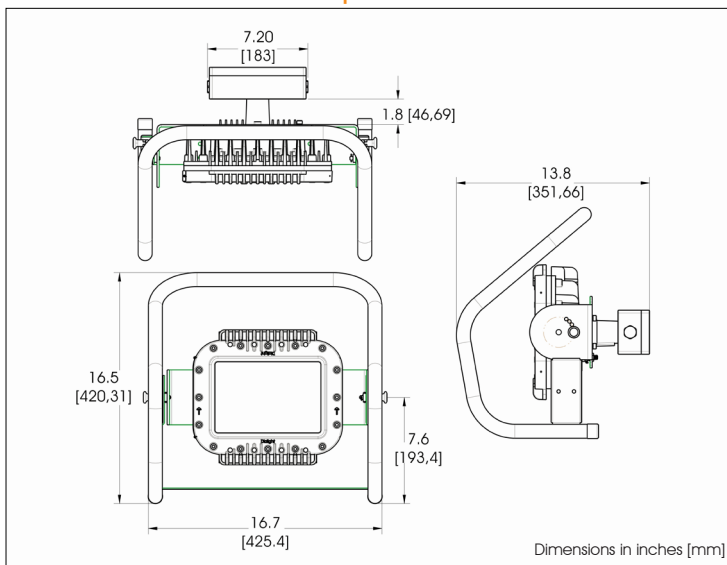


Patent pending

SafeSite® LED Area Light

ATEX / IECEx - Zone 1, 21
Transportable



Certifications & Ratings

- 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 † IIIC T135°C Db IP 6X (Ta = -40°C to +65°C)
- Ex † IIIC T100°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
- RoHS compliant

Features and 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:	11.23kg (25 lb)
Mounting:	Transportable bracket with junction box

Electrical specifications

Operating Voltage:	110 to 277V AC, 50/60 Hz
Power Consumption:	38W / 47W / 58W
Operating Temp:	-40°C to +65°C
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)
Len:	Toughened glass

Photometric Information

CRI:	> 70
CCT:	5,000K (cool white) 4,000K (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	Colour	Fixture Lumens	Watts	Lumen per Watt
Standard Models- 110 - 277V AC						
THZA9C2N	110 - 277V AC	360	Cool White	6,000	58	103
THZA5C2N	110 - 277V AC	360	Cool White	5,100	47	108
THZA3C2N	110 - 277V AC	360	Cool White	4,000	38	105

²Part numbers listed in the above table are cool white. For neutral white models replace the 6th character with an N Ex: THZA2C2N becomes THZA2N2N

Options and Accessories

Part Number	Description	Kit Includes
HZXS BK	Sand Blast Shield	Sand blast shield Mounting hardware