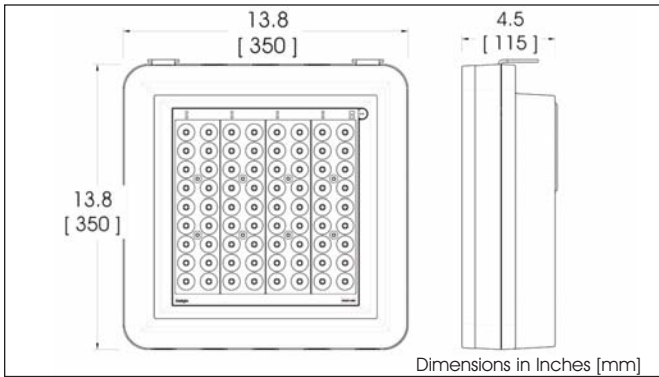




Patent Pending

## SafeSite® LED Floodlight

Class I, Div. 2



### Certifications & Ratings

- Class I, Div 2 Groups A,B,C,D
- Class II, Div 1 Groups E,F,G
- Class II, Div 2 Groups E,F,G
- Class III, Div 1
- Class III, Div 2
- UL844
- UL1598/A
- CSA 22.2 NO. 137-M1981
- Nema 4X (pending)
- IP66 (pending)

### Features & Benefits

- 10 year full performance warranty
- L70 rated for >100,000 hours @ 25°C ambient
- Instant on/off operation
- Universal input (100-277V AC), 50/60Hz
- Superior color rendition index compared to HPS, LPS, MV
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Factory sealed
- Eyelets provided for secondary retention
- Isolated wiring compartment
- Multi modules and higher lumen packages coming soon
- 20kV surge protection

### Application:

The SafeSite® LED Floodlight represents the future of energy efficient facility illumination for hazardous applications worldwide. The fixture consumes at least 50% less energy than traditional HID light sources, while reducing maintenance and improving light quality. This light incorporates both cutting edge LED technology along with proprietary optics to achieve flood lighting comparable with other traditional light sources.

### Mechanical Information

Fixture Weight:	30 lb (14 kg)
Shipping Weight:	34 lb (16 kg)
EPA (Sq. ft)	0.55 sq. ft.
Mounting:	Stirrup bracket (included)
Entry:	(2) 3/4" NPT cable entries (one cable gland provided)

### Electrical specifications

Operating Voltage:	100-277V AC, 50/60Hz
Power Consumption:	See table
Operating Temp:	-40°F to +149°F (-40°C to +65°C)
Noise Requirements/ EMC:	FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz
Surge Protection:	20kV
THD:	<15%
Power Factor:	> 0.9

### Construction

Housing:	Powder coated copper free alum.
Finish:	Polyester / epoxy powder coat gray RAL 7040 for superior corrosion resistance
Lens:	Tempered glass

### Photometric Information

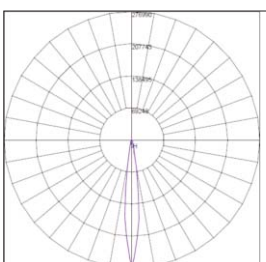
CRI:	70
CCT:	5,000K (cool white)
NEMA Patterns:	2 - narrow (23°) 4 - medium (52°) 5 - medium (93°) 6 - wide (115°) 7x6 - asymmetrical (pending)
IES Files:	Available upon request

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

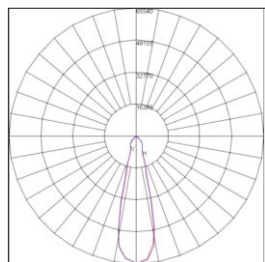
Temperature Ratings	
Ambient Temperature Range	T5 Temperature Code
-40F to +149F (-40C to +65C)	

### Optical Patterns

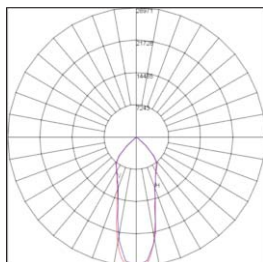
NEMA 2x2



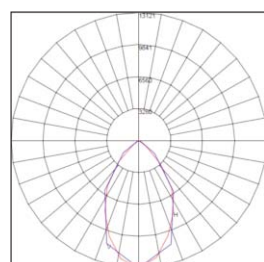
NEMA 4x4



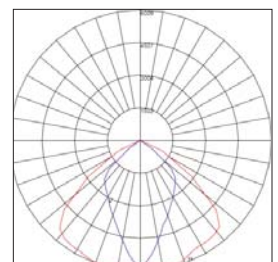
NEMA 5x5



NEMA 6x6



NEMA 7x6 (pending)



# SafeSite® LED Floodlight





Product shipped with bracket installed

## Order Codes

Part Number	Optical Pattern	Color	Initial Fixture Lumens	Wattage	Lumens Per Watt
FLD222NC2NG	NEMA 2 (23° narrow)	Cool White	10,750	107	100
FLD244NC2NG	NEMA 4 (52° medium)	Cool White	10,750	107	100
FLD255NC2NG	NEMA 5 (93° wide)	Cool White	10,750	107	100
FLD266NC2NG	NEMA 6 (115° very wide)	Cool White	10,750	107	100

## Mounting Options

	Part Number	Description	Kit Includes
Stanchion Mount Junction Box			
	HZXSTAN100S	1.00" Slip-Fit Stanchion Mount Junction Box	Junction box Mounting hardware
	HZXSTAN125S	1.25" Slip-Fit Stanchion Mount Junction Box	
	HZXSTAN150S	1.50" Slip-Fit Stanchion Mount Junction Box	
	HZXSTAN200S	2.00" Slip-Fit Stanchion Mount Junction Box	
	HZXSTAN100T	1.00" NPT Threaded Stanchion Mount Junction Box	
	HZXSTAN125T	1.25" NPT Threaded Stanchion Mount Junction Box	
	HZXSTAN150T	1.50" NPT Threaded Stanchion Mount Junction Box	
	HZXSTAN200T	2.00" NPT Threaded Stanchion Mount Junction Box	
Safety Cable Kit			
	HZXSAFEKIT	Safety cable Kit	2 Eyelets 2 Safety cables 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/MDTFSSCIDIFLX001\\_A.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDTFSSCIDIFLX001_A.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.