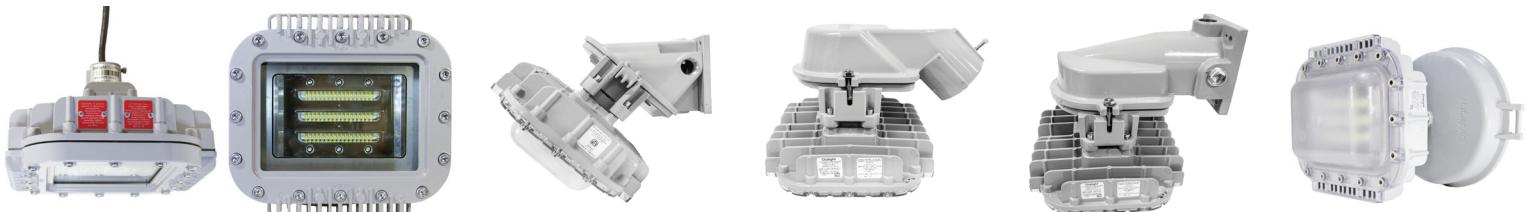


Dialight



SafeSite® LED Area Light for Indoor and Outdoor Hazardous Locations



Patent Pending

SafeSite® LED Area Light

Innovative Mounting Options



Featuring a unique hinge-style design, the new brackets simplify the installation of fixtures in zero-degree and 45-degree wall, post and stanchion mounting applications.

Ease of Installation

The hinge-style brackets come preinstalled on each fixture to eliminate time-consuming bracket assembly in the field. Installers simply mount the bracket to the wall, post or stanchion, and the fixture portion hangs in place on the bracket, leaving the installers' hands free to make electrical connections.

Specifications

Dialight's new Area Light brackets feature a die-cast copper free aluminum housing with 3/4" NPT threaded entries for mounting. The unique design also encloses all wiring connections inside the mounting bracket for maximum protection from the environment. With the easy access

Retrofit to Existing HID Fixtures

(not for CIDI applications)



Appleton® Mercmaster III
HZXTHAP



Eaton's Crouse-Hinds – Champ®
HZXTHCH



Killark® Certilite® & Certilite® V
HZXTHKL



GE Lighting Solutions – Filtr-Gard™
HZXTHGE



Appleton® Mercmaster II
HZXTHM2



Features and Benefits

- L70 rated for >100,000 hours @ 25°C
- 5 year full performance warranty
- Instant on/off operation
- Superior color rendition index compared to HPS, LPS, MV

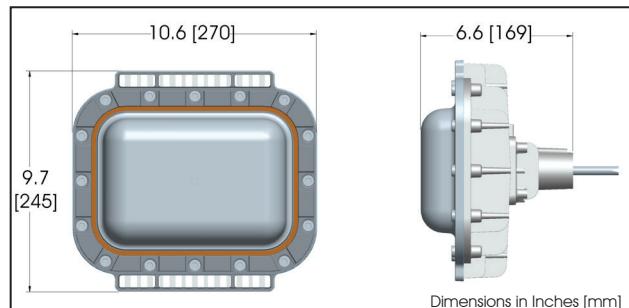
- Mercury free
- Resistant to shock and vibration
- Temperature compensation technology for longer life
- Factory sealed
- Low T-rating compared to traditional fixtures

SafeSite® LED Area Light

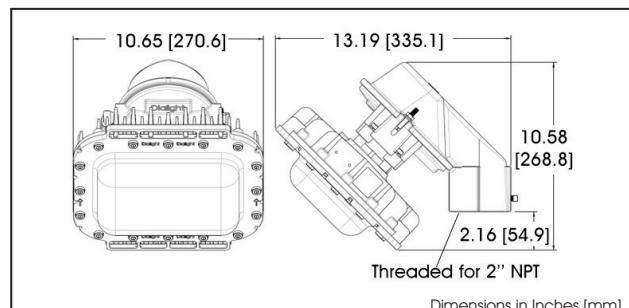
Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III



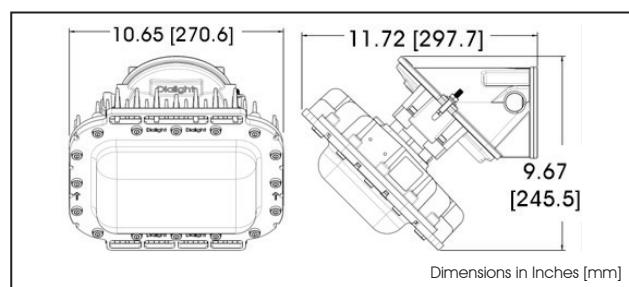
Standard Models



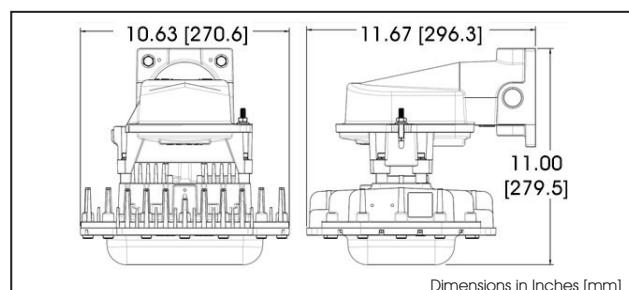
45° Stanchion Mount Models



45° Wall Mount Models



Wall Mount Models



Temperature Ratings

Ambient Temperature Range T4a Temperature Code	Ambient Temperature Range T5 Temperature Code
-40°F to +149°F (-40°C to +65°C)	-40°F to +113°F (-40°C to +45°C)

Certifications and Ratings

- Class I, Div 2, Groups A, B, C, D
- Class II, Div 1, Groups E, F, G
- Class II, Div 2, Groups F and G
- Class III
- UL 844

- UL 1598/A
- CSA 22.2 No. 137-M1981
- ABS Design Assessed:
12-HS942957-PDA
- IP66 / 67
- NEMA 4X

Fixture Weight

Standard models:

10 lbs (4.5 kg) - Polycarbonate lens
12 lbs (5.5 kg) - Glass lens

Wall mount models:

15 lbs (6.8 kg) - Polycarbonate lens
18 lbs (8.2 kg) - Glass lens

45° Wall mount models:

14 lbs (6.4 kg) - Polycarbonate lens
17 lbs (7.8 kg) - Glass lens

45° Stanchion mount models:

15 lbs (6.7 kg) - Polycarbonate lens
18 lbs (8.1 kg) - Glass lens

Shipping Weight

Standard models:

12 lbs (6.5 kg) - Polycarbonate lens
13 lbs (7.5 kg) - Glass lens

Wall mount models:

17 lbs (8.8 kg) - Polycarbonate lens
20 lbs (10.2 kg) - Glass lens

45° Wall mount models:

16 lbs (8.4 kg) - Polycarbonate lens
19 lbs (9.8 kg) - Glass lens

45° Stanchion mount models:

17 lbs (8.7 kg) - Polycarbonate lens
20 lbs (10.1 kg) - Glass lens

Mechanical Information

Mounting:

(1) Threaded 3/4" NPT rear
(Units with retrofit adapters available)

Cabling:

10' (3.5m) SOOW Power Cord
(Except when ordered with mounting brackets)

Electrical specifications

Operating Voltage:

100 - 277V AC, 50/60 Hz
347 - 480V AC, 50/60 Hz

Power Consumption:

See ordering information

Operating Temp:

-40°F to +149°F (-40°C to +65°C)

Harmonics:

IEC 61000-3-2

Noise Requirements / EMC:

FCC Title 47, Subpart B, Section 15, class A device. RF Immunity: 10V/m, 80MHz-1GHz

Surge Protection

100 - 277V AC 50/60Hz:
347 - 480V AC 50/60Hz:

1 KV line to line, 2 KV line to ground
6 KV line to line, 6 KV line to ground

THD:

<20%

Power Factor:

> 0.9

Construction

Housing:

Powder coated copper free aluminum

Finish:

Superior dual coat finish
Sealed polyester topcoat
Chemical-resistant epoxy prime

Lens:

HZD - Hard coated polycarbonate (or glass)
HZF - Polycarbonate with antistatic coating (or glass)

Photometric Information

CRI:

>70

CCT (Standard):

5000K (cool white)
4000K (neutral white)

Optics:

180° forward throw
360° circular pattern
Wide throw (aisle way) pattern

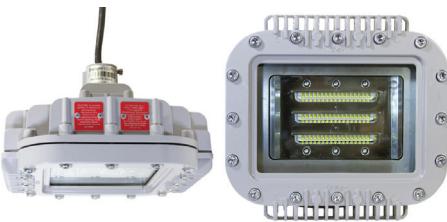
IES Files:

Available upon request

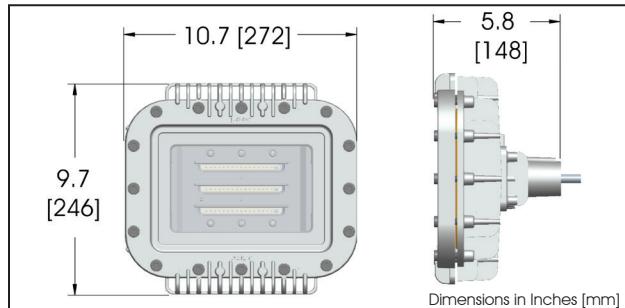
All values typical unless otherwise stated
All Lumen Values are typical (tolerance +/- 10%)

SafeSite® LED Area Light

Class I Div. 1 / Class II Div. 1



Standard Models



Certifications and Ratings

- Class I, Div 1, Groups B, C, D
- Class II, Div 1, Groups E, F, G
- UL 844
- UL 1598/A
- CSA 22.2 No. 137-M1981

- CSA 22.2 No. 25-1966
- ABS Design Assessed: # 12-HS942957-PDA
- IP66
- NEMA 4X

Fixture Weight

Standard models:

14.5 lbs (5.5 kg) - Glass lens

Wall mount models:

18 lbs (8.2 kg) - Glass lens

45° Wall mount models:

17 lbs (7.8 kg) - Glass lens

45° Stanchion mount models:

18 lbs (8.1 kg) - Glass lens

Shipping Weight

Standard models:

16.5 lbs (7.5 kg) - Glass lens

Wall mount models:

20 lbs (10.2 kg) - Glass lens

45° Wall mount models:

19 lbs (9.8 kg) - Glass lens

45° Stanchion mount models:

20 lbs (10.1 kg) - Glass lens

Mechanical Information

Mounting: (1) Threaded 3/4" NPT rear

Cabling: 10' (3.5m) SOOW Power Cord

Electrical specifications

Operating Voltage: 100 - 277V AC, 50/60 Hz
347 - 480V AC, 50/60 Hz

Power Consumption: See ordering information

Operating Temp: -40°F to +149°F (-40°C to +65°C)

Harmonics: IEC 61000-3-2

Noise Requirements / EMC: FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz

Surge Protection
100 - 277V AC 50/60Hz:
347 - 480V AC 50/60Hz:

1 kV line to line, 2 kV line to ground
6 kV line to line, 6 kV line to ground

THD: <20%

Power Factor: > 0.9

Construction

Housing: Powder coated copper free aluminum

Finish: Superior dual coat finish
Sealed polyester topcoat
Chemical-resistant epoxy prime

Lens: Glass

Photometric Information

CRI: >70

CCT (Standard): 5000K (cool white)
4000K (neutral white)

Optics: 180° forward throw
360° circular pattern

IES Files: Available upon request

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

Temperature Ratings

Ambient Temperature Range T4a Temperature Code	Ambient Temperature Range T5 Temperature Code
-40°F to +149°F (-40°C to +65°C)	-40°F to +113°F (-40°C to +45°C)

SafeSite® LED Area Light

Mounting Overview

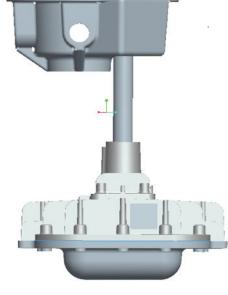
Pendant & Conduit Mounting

		HZFxxxx HZDxxxx	Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III Glass or Polycarbonate lens 180° / 360° wide throw optics
		HZCxxxx	Class I Div. 1 / Class II Div. 1

Stanchion & Pole Mounting

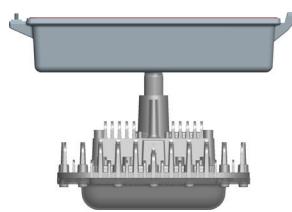
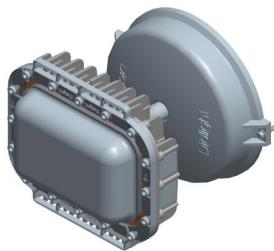
		HZFxxxx HZDxxxx	Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III Glass or Polycarbonate lens 180° / 360° wide throw optics
		HZXSTANxxx	1.00" - 2.00" Slip-Fit or NPT stanchion mount junction box
		HZXWx	Stainless steel or aluminum mounting bracket 0, 45, 90 angles
		HZFxxxxS45 HZDxxxxS45	Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III 45° mounting bracket included Glass or Polycarbonate lens 180° optic or wide throw optics

Ceiling & Wall Mounting

		HZFxxxx HZDxxxx	Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III Glass or Polycarbonate lens 180° / 360° wide throw optics
		HZCxxxx	Class I Div. 1 / Class II Div. 1 Glass lens
		HZXJBxxx	0.75" - 1.05" ceiling / wall / pole mount junction box
		HZFxxxxW45 HZDxxxxW45	Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III 45° mounting bracket included Glass or Polycarbonate lens 180° optic
		HZFxxxxW01 HZDxxxxW01	Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III 45° mounting bracket included Glass or Polycarbonate lens 360° or wide throw optics

SafeSite® LED Area Light

Retrofit Options Overview - HZDxxxx and HZFxxx fixtures (not for CIDI applications)



HZDXXXX models can be ordered with factory installed retrofit adapter by adding **C**, **A**, **K**, **G**, or **M** to the end of the part number. For example, HZD8C2N becomes HZD8C2NC. Please consult factory when ordering.

Appleton® Mercmaster III - HZXTHAP				
	Pendant	Ceiling	Wall	Stanchion
	KPA-75	KPC-75	KPWB-75	KPS-125
	KPA-100	KPC-100	KPWB-100	KPS-150
	KPAF-75			KPST-125
	KPAF-100			KPST-150
	KPCH-75			
	KPCH-100			

Eaton's Crous-Hinds – Champ® - HZXTHCH					
	Pendant	Ceiling	Wall	Stanchion	Quad Mount
	APM2	CM2	TWM2	JM5	QM25
	APM3	CM3	TWM3	PM5	
	HPM2				

Killark® Certilite® & Certilite® V - HZXTHKL				
	Pendant	Ceiling	Wall	Stanchion
	VMA2B & VMA-2	VMX2B & VMX-2	VMB2B & VMB-2	VMD4B
	VMA3B & VMA-3	VMX3B & VMX-3	VMB3B & VMB-3	VMD5B
	VMC2B & VMC-2	VMX6B		VMS5B
	VMC3B & VMC-3	VMX7B		
	VMF2B	VMX8B		
	VMF3B	VMX9B		

GE Lighting Solutions – Filtr-Gard™ - HZXTHGE					
	Pendant	Ceiling	Wall	Stanchion	Quad Mount
	3P	3F	3C	3W	5S
	4P	4F	4C	4W	6S
					5J
					6J

Appleton® Mercmaster II - HZXTHM2				
	Pendant	Ceiling	Wall	Stanchion
	LPA-75	LPC-75	LPWB-75	LPS-125
	LPA-100	LPC-100	LPWB-100	LPS-150

SafeSite® LED Area Light

Options and Accessories - Class I Div. 2

	Part Number	Description	Kit Includes	Certification					
				CID1	CID2	CII1D1	CII2D1	CIII1D1	CIII2D1
Stanchion Mount Junction Box - Class I Div. 2, Class II Div. 1, Class II Div. 2									
	HZXSTAN100S	1.00" (1.315" Pole OD) Slip-Fit Stanchion Mount Junction Box	Junction box mounting hardware (requires bracket HZXW3 or HZXW7 not included)	•	•	•	•	•	•
	HZXSTAN125S	1.25" (1.660" Pole OD) Slip-Fit Stanchion Mount Junction Box		•	•	•	•	•	•
	HZXSTAN150S	1.50" (1.900" Pole OD) Slip-Fit Stanchion Mount Junction Box		•	•	•	•	•	•
	HZXSTAN200S	2.00" (2.375" Pole OD) Slip-Fit Stanchion Mount Junction Box		•	•	•	•	•	•
	HZXSTAN100T	1.00" (1.315" Pole OD) NPT Threaded Stanchion Mount Junction Box		•	•	•	•	•	•
	HZXSTAN125T	1.25" (1.660" Pole OD) NPT Threaded Stanchion Mount Junction Box		•	•	•	•	•	•
	HZXSTAN150T	1.50" (1.900" Pole OD) NPT Threaded Stanchion Mount Junction Box		•	•	•	•	•	•
	HZXSTAN200T	2.00" (2.375" Pole OD) NPT Threaded Stanchion Mount Junction Box		•	•	•	•	•	•
Wall/Pole Mount Junction Box - Class I Div. 2									
	HZXJB075	0.75" Ceiling / Wall / Pole Mount Junction Box	Junction box	•	•	•	•	•	•
	HZXJB100	1.00" Pole Mount Junction Box		•	•	•	•	•	•
	HZXJB125	1.25" Pole Mount Junction Box		•	•	•	•	•	•
	HZXJB150	1.50" Pole Mount Junction Box		•	•	•	•	•	•
Wall/Pole Mount Junction Box and Photocell - Class I Div. 2									
	HZXJB075PC1	0.75" Ceiling / Wall / Pole Mount Junction Box - with 120V AC Photocell	Junction box 120V AC photocell	•	•	•	•	•	•
	HZXJB100PC1	1.00" Pole Mount Junction Box - with 120V AC Photocell		•	•	•	•	•	•
	HZXJB125PC1	1.25" Pole Mount Junction Box - with 120V AC Photocell		•	•	•	•	•	•
	HZXJB150PC1	1.50" Pole Mount Junction Box - with 120V AC Photocell		•	•	•	•	•	•
Mounting Brackets (0, 45, 90 angles)									
	HZXW3	Stainless steel bracket	Bracket mounting hardware	•	•	•	•	•	•
	HZXW7	Aluminum bracket		•	•	•	•	•	•
	HZXW4	Stainless steel bracket with pipe clamp	Bracket Pipe clamp mounting hardware	•	•	•	•	•	•
	HZXW8	Aluminum bracket with pipe clamp		•	•	•	•	•	•
Safety Cable Kit									
	HZXSafeKit	Safety cable kit	2 Eyelets 2 Safety cables mounting hardware	•	•	•	•	•	•
	HZXSafetabs	Safety Tabs	2 Eyelets mounting hardware	•	•	•	•	•	•

Conduit



Pipe Clamp



Stanchion



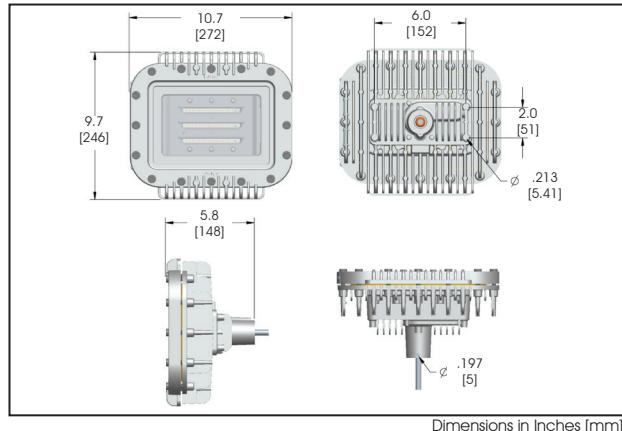
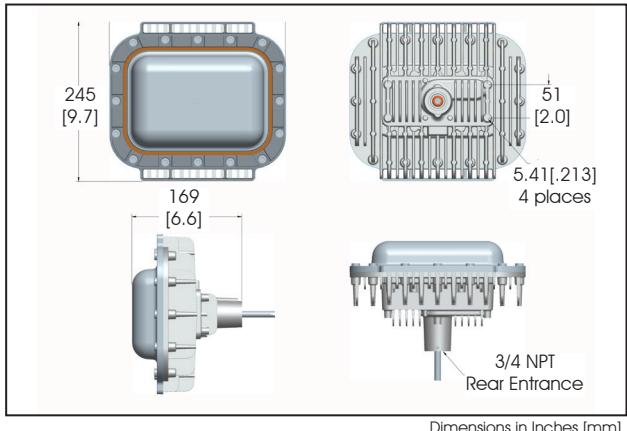
Junction Box



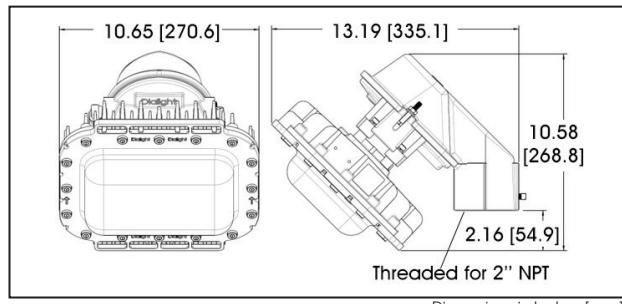
SafeSite® LED Area Light

Fixture Drawings

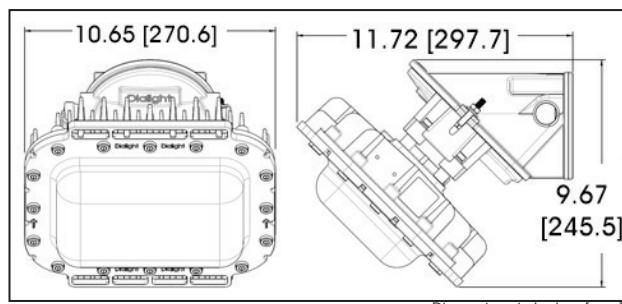
Standard Models



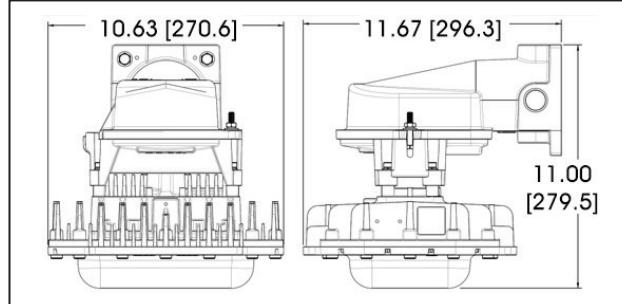
45° Stanchion Mount Models



45° Stanchion Mount Models



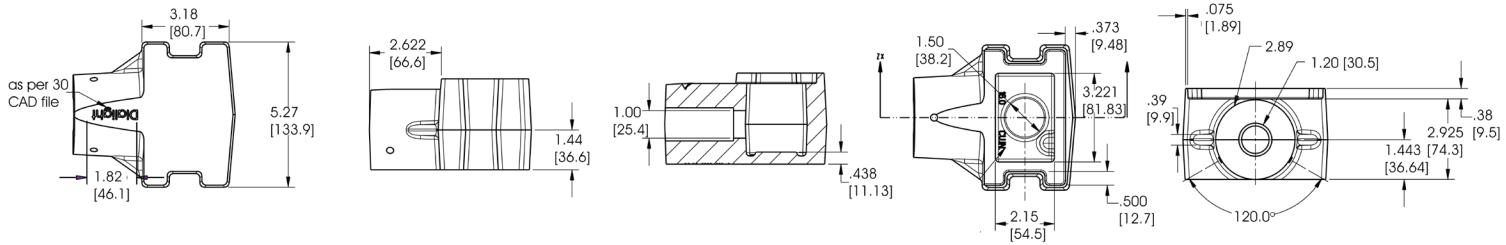
Wall Mount Models



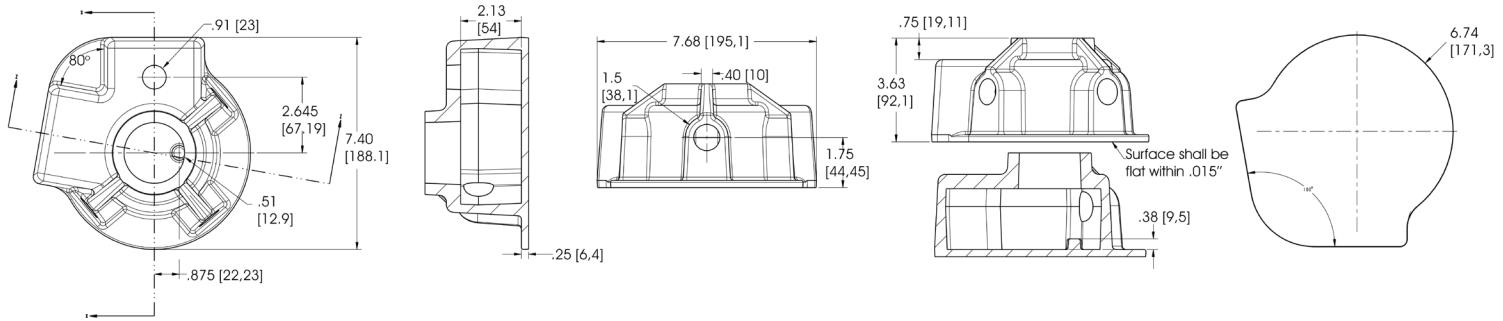
SafeSite® LED Area Light

Bracket Dimensions

HZXSTANXXXX

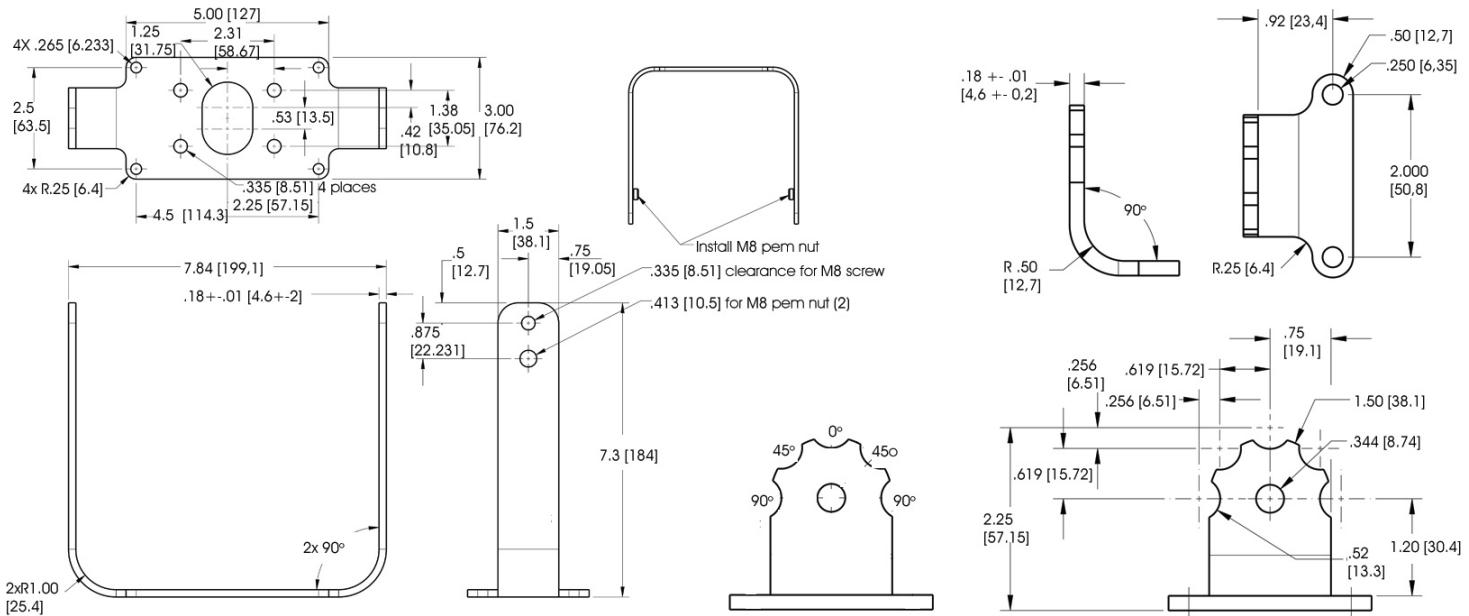


HZXJBXXX and HZXJBXXXXXX

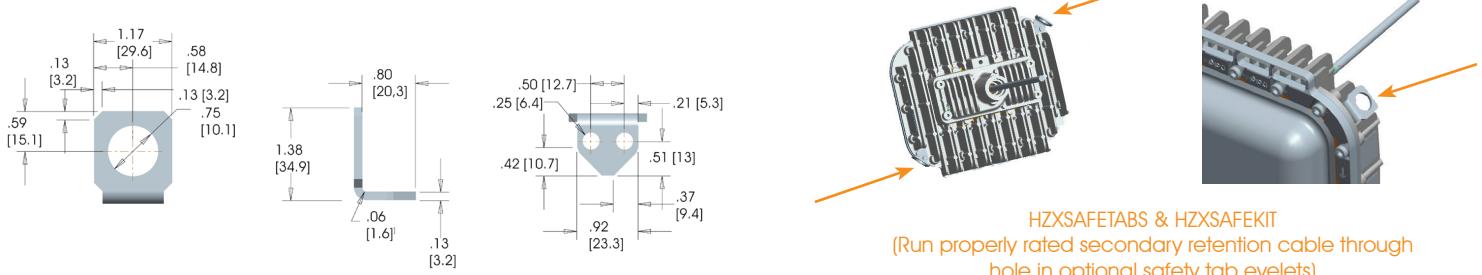


HZXW3, HZXW4, HZXW7, AND HZXW8

.25" thick; HZXW4 and HZXW8 will mount to 1.5" conduit and comes with pipe mount clamps.



HZXSAFEKIT and HZXSAFETABS



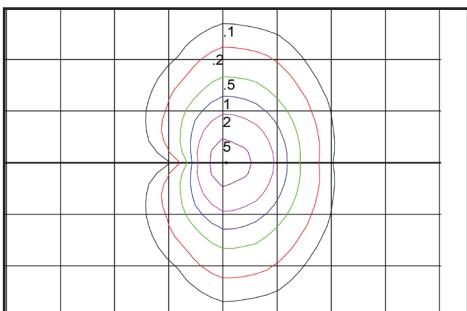
SafeSite® LED Area Light

Mounting Height

Lumens	Wattage	lm/W	Mounting Heights
7,000	69	101	20' ↓ 10'
6,000	58	103	
5,000	48	104	
4,000	38	105	
2,000	21	105	

Iso-Illuminance

HZD8C2N - 180° Pattern

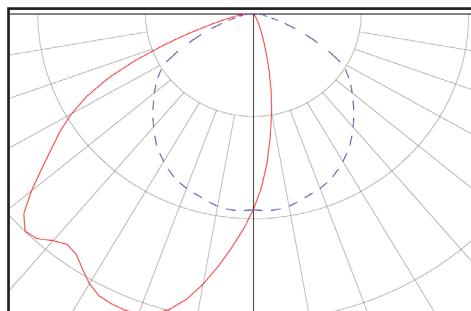


Examples shown are mounted at 20 ft
Distance of grid is equal to mounting height

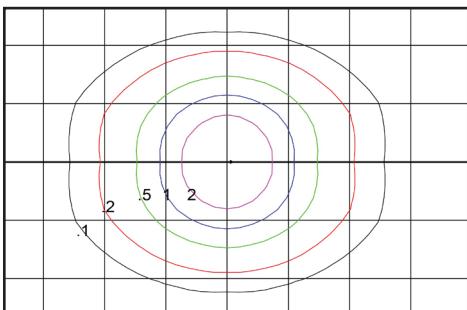
Mounting Heights	Multiplier
10	4.000
15'	1.778
20'	1.000
25'	0.640

Candela Plots

180° Pattern Mounted at 45°



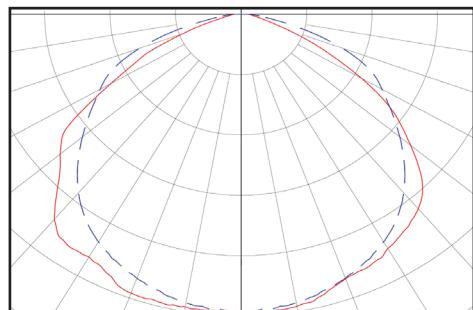
HZD9C2N - 360° Pattern



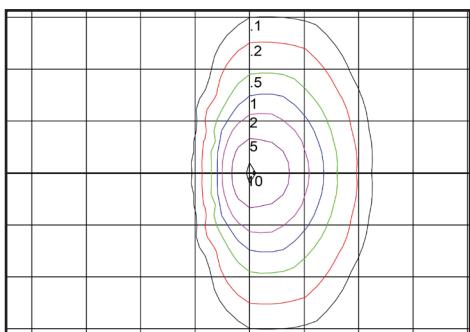
Examples shown are mounted at 20 ft
Distance of grid is equal to mounting height

Mounting Heights	Multiplier
10	4.000
15'	1.778
20'	1.000
25'	0.640

360° Optical Pattern



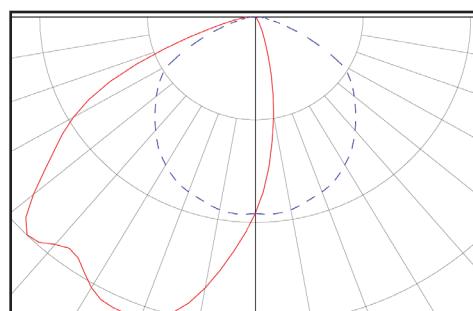
HZD4C2N - 180° Pattern



Examples shown are mounted at 15 ft
Distance of grid is equal to mounting height

Mounting Heights	Multiplier
10	2.250
15'	1.000
20'	1.563
25'	0.360

180° Pattern Mounted at 45°

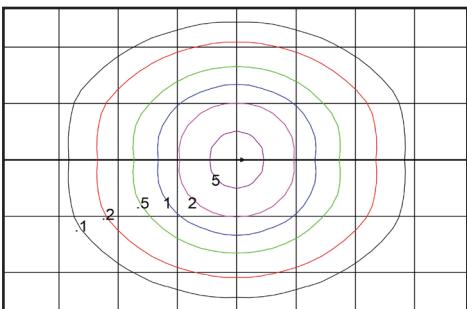


SafeSite® LED Area Light

Measurement Data

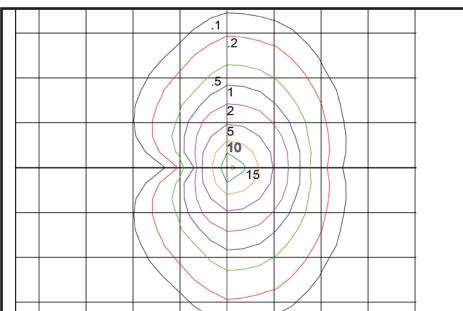
Iso-Illuminance

HZD5C2N - 360° Pattern



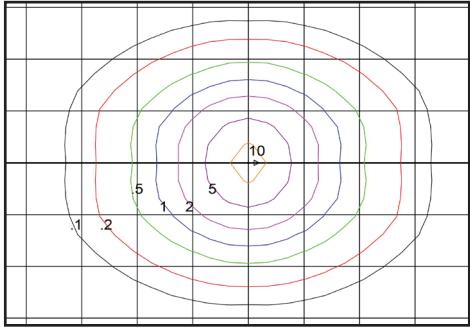
Examples shown are mounted at 15 ft
Distance of grid is equal to mounting height

HZD2C2N - 180° Pattern



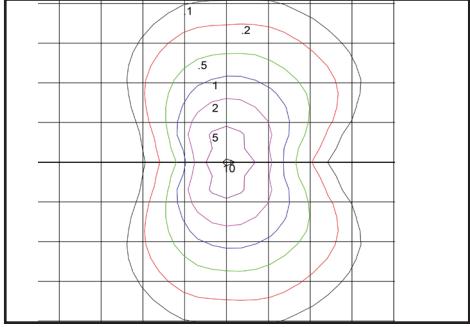
Examples shown are mounted at 10 ft
Distance of grid is equal to mounting height

HZD3C2N - 360° Pattern



Examples shown are mounted at 10 ft
Distance of grid is equal to mounting height

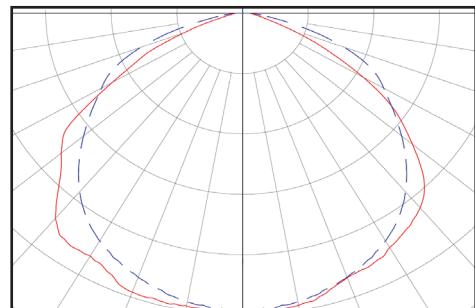
HZDW2C2N - Wide Throw (Aisle Way) Pattern



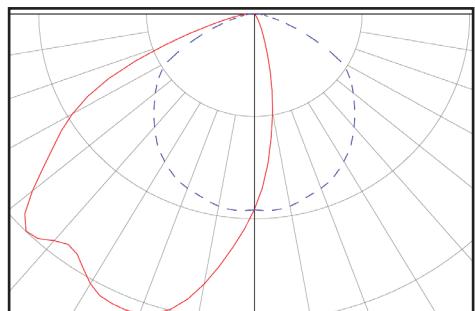
Examples shown are mounted at 10 ft
Distance of grid is equal to mounting height

Candela Plots

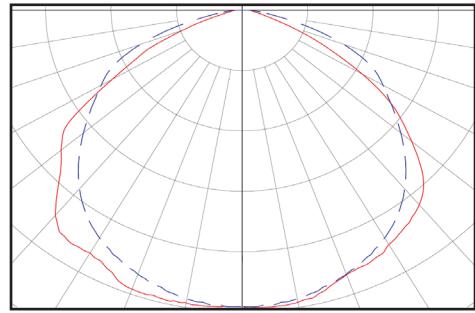
360° Optical Pattern



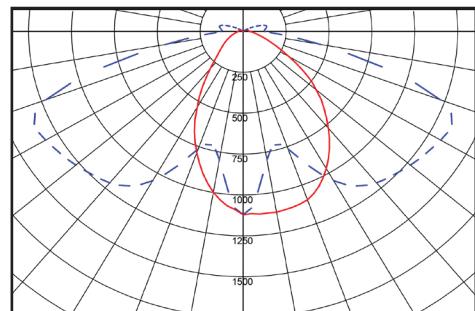
180° Pattern Mounted at 45°



360° Optical Pattern



Wide Throw (Aisle Way) Pattern



Mounting Heights	Multiplier
10	2.250
15'	1.000
20'	0.563
25'	0.360

Mounting Heights	Multiplier
10	1.000
15'	0.444
20'	0.250
25'	0.160

Mounting Heights	Multiplier
10	1.000
15'	0.444
20'	0.250
25'	0.160

SafeSite® LED Area Light

Ordering Information

Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III

Part Number	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
													

Standard Models

HZFFC2N		100 - 277V AC		360	Polycarbonate	CW	6,750	69	98
HZF9C2N		100 - 277V AC		360	Polycarbonate	CW	6,000	58	103
HZF5C2N		100 - 277V AC		360	Polycarbonate	CW	5,000	47	106
HZF3C2N		100 - 277V AC		360	Polycarbonate	CW	4,000	38	105
HZF1C2N		100 - 277V AC		360	Polycarbonate	CW	2,200	21	105
HZFEC2N		100 - 277V AC		180	Polycarbonate	CW	6,500	69	97
HZF8C2N		100 - 277V AC		180	Polycarbonate	CW	5,600	58	97
HZF4C2N		100 - 277V AC		180	Polycarbonate	CW	4,700	47	100
HZF2C2N		100 - 277V AC		180	Polycarbonate	CW	3,700	38	97
HZF0C2N		100 - 277V AC		180	Polycarbonate	CW	2,200	21	105
HZFWC2N		100 - 277V AC		Wide Throw	Polycarbonate	CW	4,100	60	68

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2**G**W45 becomes HZD2C2**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

For Dialight's complete list of DLC qualified products, please click this link: www.dialight.com/DLC

Part Number	Mounting Bracket	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
														

Wall Mount

HZFFC2NW01	Wall Mount		100 - 277V AC		360	Polycarbonate	CW	6,750	69	98
HZF9C2NW01	Wall Mount		100 - 277V AC		360	Polycarbonate	CW	6,000	58	103
HZF5C2NW01	Wall Mount		100 - 277V AC		360	Polycarbonate	CW	5,000	47	106
HZF3C2NW01	Wall Mount		100 - 277V AC		360	Polycarbonate	CW	4,000	38	105
HZF1C2NW01	Wall Mount		100 - 277V AC		360	Polycarbonate	CW	2,200	21	105
HZFEC2NW01	Wall Mount		100 - 277V AC		180	Polycarbonate	CW	6,500	69	97
HZF8C2NW01	Wall Mount		100 - 277V AC		180	Polycarbonate	CW	5,600	58	97
HZF4C2NW01	Wall Mount		100 - 277V AC		180	Polycarbonate	CW	4,700	47	100
HZF2C2NW01	Wall Mount		100 - 277V AC		180	Polycarbonate	CW	3,700	38	97
HZF0C2NW01	Wall Mount		100 - 277V AC		180	Polycarbonate	CW	2,200	21	105
HZFWC2NW01	Wall Mount		100 - 277V AC		Wide Throw	Polycarbonate	CW	4,100	60	68

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2**G**W45 becomes HZD2C2**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

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SafeSite® LED Area Light

Ordering Information

Class I, Div 2 / Class II, Div 1 / Class II, Div 2 / Class III

Part Number	Mounting Bracket	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
														
HZFFC2NW45	45° Wall Mount	100 - 277V AC		360	Polycarbonate	CW	6,750	69	98
HZF9C2NW45	45° Wall Mount	100 - 277V AC		360	Polycarbonate	CW	6,000	58	103
HZF5C2NW45	45° Wall Mount	100 - 277V AC		360	Polycarbonate	CW	5,000	47	106
HZF3C2NW45	45° Wall Mount	100 - 277V AC		360	Polycarbonate	CW	4,000	38	105
HZF1C2NW45	45° Wall Mount	100 - 277V AC		360	Polycarbonate	CW	2,200	21	105
HZFEC2NW45	45° Wall Mount	100 - 277V AC		180	Polycarbonate	CW	6,500	69	97
HZF8C2NW45	45° Wall Mount	100 - 277V AC		180	Polycarbonate	CW	5,600	58	97
HZF4C2NW45	45° Wall Mount	100 - 277V AC		180	Polycarbonate	CW	4,700	47	100
HZF2C2NW45	45° Wall Mount	100 - 277V AC		180	Polycarbonate	CW	3,700	38	97
HZF0C2NW45	45° Wall Mount	100 - 277V AC		180	Polycarbonate	CW	2,200	21	105
HZFWC2NW45	45° Wall Mount	100 - 277V AC		Wide	Polycarbonate	CW	4,100	60	68

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C**G**W45 becomes HZD2C**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

For Dialight's complete list of DLC qualified products, please click this link: www.dialight.com/DLC

Part Number	Mounting Bracket	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
														
HZFFC2NS45	45° Stanchion	100 - 277V AC		360	Polycarbonate	CW	6,750	69	98
HZF9C2NS45	45° Stanchion	100 - 277V AC		360	Polycarbonate	CW	6,000	58	103
HZF5C2NS45	45° Stanchion	100 - 277V AC		360	Polycarbonate	CW	5,000	47	106
HZF3C2NS45	45° Stanchion	100 - 277V AC		360	Polycarbonate	CW	4,000	38	105
HZF1C2NS45	45° Stanchion	100 - 277V AC		360	Polycarbonate	CW	2,200	21	105
HZFEC2NS45	45° Stanchion	100 - 277V AC		180	Polycarbonate	CW	6,500	69	97
HZF8C2NS45	45° Stanchion	100 - 277V AC		180	Polycarbonate	CW	5,600	58	97
HZF4C2NS45	45° Stanchion	100 - 277V AC		180	Polycarbonate	CW	4,700	47	100
HZF2C2NS45	45° Stanchion	100 - 277V AC		180	Polycarbonate	CW	3,700	38	97
HZF0C2NS45	45° Stanchion	100 - 277V AC		180	Polycarbonate	CW	2,200	21	105
HZFWC2NS45	45° Stanchion	100 - 277V AC		Wide	Polycarbonate	CW	4,100	60	68

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C**G**W45 becomes HZD2C**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

For Dialight's complete list of DLC qualified products, please click this link: www.dialight.com/DLC

SafeSite® LED Area Light

Ordering Information

Class I Div. 2 / Class III

Part Number	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
Standard Models													
HZDFC2G	•				•	100 - 277V AC	•	360	Glass	CW	7,250	69	105
HZD9C2G		•			•	100 - 277V AC	•	360	Glass	CW	6,000	58	103
HZD5C2G		•			•	100 - 277V AC	•	360	Glass	CW	5,200	47	110
HZD3C2G		•			•	100 - 277V AC	•	360	Glass	CW	4,100	38	108
HZD1C2G		•			•	100 - 277V AC	•	360	Glass	CW	2,200	21	105
HZDEC2G		•			•	100 - 277V AC	•	180	Glass	CW	6,750	69	98
HZD8C2G		•			•	100 - 277V AC	•	180	Glass	CW	5,700	58	98
HZD4C2G		•			•	100 - 277V AC	•	180	Glass	CW	4,700	47	100
HZD2C2G		•			•	100 - 277V AC	•	180	Glass	CW	3,700	38	97
HZD0C2G		•			•	100 - 277V AC	•	180	Glass	CW	2,200	21	105

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2**G**W45 becomes HZD2C2**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

For Dialight's complete list of DLC qualified products, please click this link: www.dialight.com/DLC

Part Number	Mounting Bracket	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
Wall Mount Bracket														



Wall Mount Bracket

HZDFC2GW01	Wall Mount	•				•	100 - 277V AC	•	360	Glass	CW	7,250	69	105
HZD9C2GW01	Wall Mount		•			•	100 - 277V AC	•	360	Glass	CW	6,000	58	103
HZD5C2GW01	Wall Mount		•			•	100 - 277V AC	•	360	Glass	CW	5,200	47	110
HZD3C2GW01	Wall Mount		•			•	100 - 277V AC	•	360	Glass	CW	4,100	38	108
HZD1C2GW01	Wall Mount		•			•	100 - 277V AC	•	360	Glass	CW	2,200	21	105
HZDEC2GW01	Wall Mount		•			•	100 - 277V AC	•	180	Glass	CW	6,750	69	98
HZD8C2GW01	Wall Mount		•			•	100 - 277V AC	•	180	Glass	CW	5,700	58	98
HZD4C2GW01	Wall Mount		•			•	100 - 277V AC	•	180	Glass	CW	4,700	47	100
HZD2C2GW01	Wall Mount		•			•	100 - 277V AC	•	180	Glass	CW	3,700	38	97
HZD0C2GW01	Wall Mount		•			•	100 - 277V AC	•	180	Glass	CW	2,200	21	105

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2**G**W45 becomes HZD2C2**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

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SafeSite® LED Area Light

Ordering Information

Class I Div. 2 / Class III

Part Number	Mounting Bracket	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
														
HZDFC2GW45	45° Wall Mount	•				•	100 - 277V AC	•	360	Glass	CW	7,250	69	105
HZD9C2GW45	45° Wall Mount					•	100 - 277V AC	•	360	Glass	CW	6,000	58	103
HZD5C2GW45	45° Wall Mount					•	100 - 277V AC	•	360	Glass	CW	5,200	47	110
HZD3C2GW45	45° Wall Mount					•	100 - 277V AC	•	360	Glass	CW	4,100	38	108
HZD1C2GW45	45° Wall Mount					•	100 - 277V AC	•	360	Glass	CW	2,200	21	105
HZDEC2GW45	45° Wall Mount					•	100 - 277V AC	•	180	Glass	CW	6,750	69	98
HZD8C2GW45	45° Wall Mount					•	100 - 277V AC	•	180	Glass	CW	5,700	58	98
HZD4C2GW45	45° Wall Mount					•	100 - 277V AC	•	180	Glass	CW	4,700	47	100
HZD2C2GW45	45° Wall Mount					•	100 - 277V AC	•	180	Glass	CW	3,700	38	97
HZDOC2GW45	45° Wall Mount					•	100 - 277V AC	•	180	Glass	CW	2,200	21	105

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2**G**W45 becomes HZD2C2**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

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Part Number	Mounting Bracket	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
														
HZDFC2GS45	45° Stanchion	•				•	100 - 277V AC	•	360	Glass	CW	7,250	69	105
HZD9C2GS45	45° Stanchion					•	100 - 277V AC	•	360	Glass	CW	6,000	58	103
HZD5C2GS45	45° Stanchion					•	100 - 277V AC	•	360	Glass	CW	5,200	47	110
HZD3C2GS45	45° Stanchion					•	100 - 277V AC	•	360	Glass	CW	4,100	38	108
HZD1C2GS45	45° Stanchion					•	100 - 277V AC	•	360	Glass	CW	2,200	21	105
HZDEC2GS45	45° Stanchion					•	100 - 277V AC	•	180	Glass	CW	6,750	69	98
HZD8C2GS45	45° Stanchion					•	100 - 277V AC	•	180	Glass	CW	5,700	58	98
HZD4C2GS45	45° Stanchion					•	100 - 277V AC	•	180	Glass	CW	4,700	47	100
HZD2C2GS45	45° Stanchion					•	100 - 277V AC	•	180	Glass	CW	3,700	38	97
HZDOC2GS45	45° Stanchion					•	100 - 277V AC	•	180	Glass	CW	2,200	21	105

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2**C**2NW45 becomes HZD2**N**2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2**G**W45 becomes HZD2C2**N**W45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C**9**NW45

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SafeSite® LED Area Light

Ordering Information

Class I Div. 1 / Class II Div. 1

Part Number	CID1	CID2	CIID1	CIID2	CIII	Voltage	Group B (Hydrogen)	Optical Pattern	Lens	CCT	Lumen	Wattage	LPW
													
Standard Models													
HZCFC2N	.		.			100 - 277V AC		360	Glass	CW	7,250	69	105
HZC9C2N	.		.			100 - 277V AC		360	Glass	CW	6,000	58	103
HZC5C2N	.		.			100 - 277V AC		360	Glass	CW	5,000	47	106
HZC3C2N	.		.			100 - 277V AC		360	Glass	CW	4,100	38	108
HZC1C2N	.		.			100 - 277V AC		360	Glass	CW	2,200	21	105
HZP9C2N	.		.			100 - 277V AC	.	360	Glass	CW	6,100	58	105
HZP5C2N	.		.			100 - 277V AC	.	360	Glass	CW	5,200	47	110
HZP3C2N	.		.			100 - 277V AC	.	360	Glass	CW	4,100	38	108
HZP1C2N	.		.			100 - 277V AC	.	360	Glass	CW	2,200	21	105
HZCEC2N	.		.			100 - 277V AC		180	Glass	CW	6,750	69	98
HZC8C2N	.		.			100 - 277V AC		180	Glass	CW	5,700	58	98
HZC4C2N	.		.			100 - 277V AC		180	Glass	CW	4,700	47	100
HZC2C2N	.		.			100 - 277V AC		180	Glass	CW	3,700	38	97
HZC0C2N	.		.			100 - 277V AC		180	Glass	CW	2,200	21	105
HZP8C2N	.		.			100 - 277V AC	.	180	Glass	CW	5,700	58	98
HZP4C2N	.		.			100 - 277V AC	.	180	Glass	CW	4,700	47	100
HZP2C2N	.		.			100 - 277V AC	.	180	Glass	CW	3,700	38	97
HZP0C2N	.		.			100 - 277V AC	.	180	Glass	CW	2,200	21	105

¹180° optical pattern models are optimized for a 45° mounting angle

²Part numbers listed in the above table are cool white. For neutral white model replace the 5th character with **N** Ex: HZD2C2NW45 becomes HZD2N2NW45

³Part numbers listed in the tables above come with a glass lens. For models needing a polycarbonate lens, replace the 7th with **N** Ex: HZD2C2GW45 becomes HZD2C2NW45

⁴All lumen values are typical (tolerance +/- 10%)

⁵Part numbers listed in the above table are 100-277 VAC. For 347-480 VAC model replace the 6th character with **9** Ex: HZD2C9NW45

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