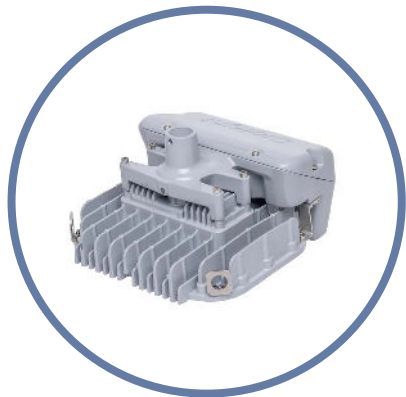


# **Dialight® LED Area Light - Battery Backup Models**

## Technical Specification Sheet - UL

# Vigilant® LED Area Light

## 120-277 VAC Battery Backup

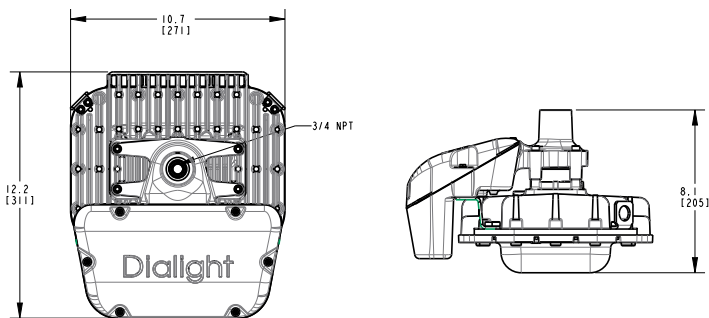


### Certifications & Ratings\*

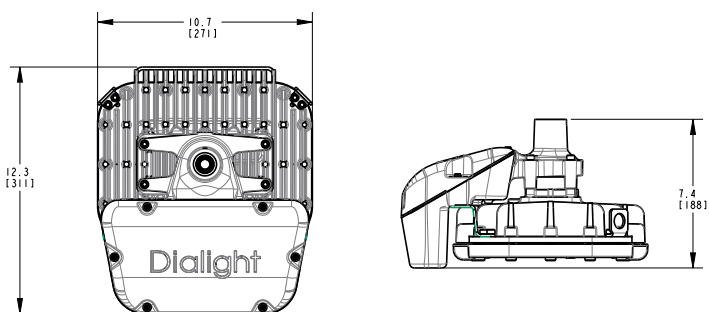
- 10 year warranty
- UL 1598/A
- UL 924
- CSA C22.2 No. 250
- CSA 22.2 No. 141
- IP66 / 67
- NEMA 4X
- L70 > 150,000h @ 55°C

\*ETL listed

### Polycarbonate Lens



### Glass Lens



Dimensions in inches [mm]

### Mechanical Information:

<b>Fixture weight:</b>	20 lb (9.1 kg) - Polycarbonate lens 22 lb (10 kg) - Tempered glass lens
<b>Shipping weight:</b>	Add 7 lb (3.2 kg) to weights above
<b>Impact rating:</b>	IK10 - Polycarbonate lens IK07 - Tempered glass lens
<b>Cabling:</b>	10' ST00W/SOOW 18/4 AWG cable

### Electrical Specifications:

<b>Operating voltage:</b>	120-277 VAC, 50/60Hz
<b>Total system power consumption:</b>	See table
<b>Operating temperature:</b>	-4°F to +131°F (-20°C to +55°C)
<b>EMC:</b>	FCC Title 47, Subpart B, Section 15, Class A device RF Immunity 20V/m 80MHz-1GHz.
<b>Transient protection:</b>	6kV/3kA L-L and L-GND
<b>THD:</b>	< 20%
<b>Power factor:</b>	> 0.9

### Construction:

<b>Housing:</b>	Copper-free aluminum
<b>Finish:</b>	Superior dual coat finish - Sealed polyester topcoat - Epoxy primer
<b>Lens:</b>	Hard-coated polycarbonate Tempered glass

### Photometric Information:

<b>CRI:</b>	80
<b>CCT:</b>	5000K (cool white) 4000K (neutral white)
<b>Optics:</b>	360° 180° forward throw for 45° mounting Wide for 0° mounting

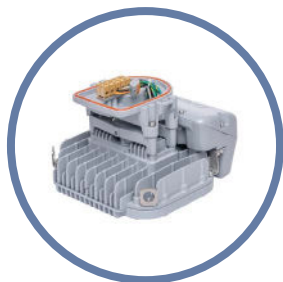
All values typical unless otherwise stated (tolerance +/- 10%)

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

## Vigilant® LED Area Light

### 120-277 VAC Battery Backup

#### Universal Mounting Adapter



For use with HZXW01, HZXW45, HZXS45 or HZXFM brackets sold separately



HZXW01



HZXS45



HZXS90 / HZXT90



HZXCV34



HZXW45



HZXFM

#### Certifications & Ratings\*

- 10 year warranty
- UL 1598/A
- UL 924
- CSA C22.2 No. 250
- CSA 22.2 No. 141
- IP66 / 67
- NEMA 4X
- L70 > 150,000h @ 55°C

\*ETL listed

#### Mechanical Information:

##### Fixture weight:

UMA models:	22 lb (10 kg) - Polycarbonate lens 24 lb (10.9 kg) - Tempered glass lens
Wall mount models:	25 lb (11.4 kg) - Polycarbonate lens 27 lb (12.3 kg) - Tempered glass lens
45° wall mount models:	24 lb (10.9 kg) - Polycarbonate lens 26 lb (11.8 kg) - Tempered glass lens
45° stanchion mount:	27 lb (12.2 kg) - Polycarbonate lens 30 lb (13.6 kg) - Tempered glass lens
Ceiling mount:	24 lb (10.9 kg) - Polycarbonate lens 26 lb (11.8 kg) - Tempered glass lens
90° stanchion mount:	26 lb (11.7 kg) - Polycarbonate lens 28 lb (12.6 kg) - Tempered glass lens

##### Shipping weight:

Add 7 lb (3.2 kg) to weights above

##### Impact rating:

IK10 - Polycarbonate lens  
IK07 - Tempered glass lens

##### Cabling:

14" leads 1.02 mm 18 AWG

#### Electrical Specifications:

##### Operating voltage:

120-277 VAC, 50/60Hz

##### Operating temperature:

-4°F to +131°F (-20°C to +55°C)

##### EMC:

FCC Title 47, Subpart B, Section 15, Class A device  
RF Immunity 20V/m 80MHz-1GHz.

##### Transient protection:

6kV/3kA L-L and L-GND

##### THD:

< 20%

##### Power factor:

> 0.9

#### Construction:

##### Housing:

Copper-free aluminum

##### Finish:

Superior dual coat finish  
- Sealed polyester topcoat  
- Epoxy primer

##### Lens:

Hard-coated polycarbonate  
Tempered glass

#### Photometric Information:

##### CRI:

80

##### CCT:

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

##### Optics:

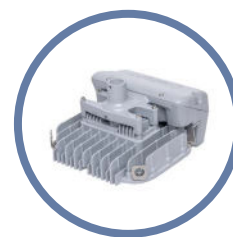
360°  
180° forward throw for 45° mounting  
Wide for 0° mounting

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

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### Vigilant® LED Area Light

#### 120-277 VAC Battery Backup



Project Information			Specifications		
Part Number:					
Project:					
Fixture Type:		Date:			

### Ordering Information

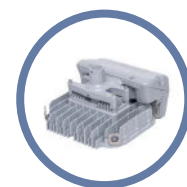
<b>AL</b>	-	<b>U</b>	-		-		-	<b>2</b>	-		-	<b>N</b>	-		-		-	<b>N</b>	-	<b>G</b>	-	<b>F</b>		
Product Code		Cert.		Lens Material		Beam Dist.		CCT & CRI		Oper. Voltage		Lumen Type		Controls		Mounting Options		HW Access.		Elect. Access.		Coatings		Battery

Product Code	CCT & CRI	Mounting Options	Hardware Accessories
<b>AL</b> Area Light	<b>C</b> Cool White 5000K - 80 CRI <b>N</b> Neutral White 4000K - 80 CRI	<b>Retro-fit Adapter</b> <b>Universal Mounting Adapter (UMA)</b>	<b>N</b> For Mounting Options - A, C, F, G, H, K, M, S, U, V, W, Y (individual wire leads are terminated in adapter housing)
<b>Certification</b> <b>U</b> UL 1598/A CSA 22.2 No. 250.0	<b>Operating Voltage</b> <b>2</b> 120 - 277 VAC	<b>B</b> Swivel Bracket, Locking 0° - 90° 316 Stainless Steel <b>N</b> 3/4" NPT Pendant	<b>W</b> 10 ft (3 meter) Power Cable for Mounting Options - B, N
<b>Lens Material</b> <b>5</b> Polycarbonate - Diffused <b>7</b> Glass - Clear	<b>Lumen Type</b> <b>3</b> 3,100 Lumens <b>4</b> 4,200 Lumens <b>6</b> 5,700 Lumens <b>7</b> 7,300 Lumens <b>9</b> 9,000 Lumens	<b>A</b> Appleton Mercmaster III <b>C</b> Crouse-Hinds - Champ <b>E</b> GE Mini-Gard <b>G</b> GE Filtr-Gard <b>H</b> Thomas & Betts Hazlux <b>K</b> Killark Certilite & Certilite V <b>M</b> Appleton Mercmaster II <b>P</b> Holophane Petrolux II and III <b>F</b> Ceiling Mount <b>R</b> 90° Stanchion Mount (Slip) <b>S</b> 45° Stanchion Mount <b>T</b> 90° Stanchion Mount (NPT) <b>U</b> UMA - Mounting Hub <b>V</b> 0° Wall Mount <b>W</b> 45° Wall Mount <b>Y</b> 34mm Conveyor Mount	<b>Electrical Accessories</b> <b>N</b> No Option
<b>Beam Distribution</b> <b>A</b> 180° <b>B</b> 360° <b>W</b> Wide	<b>Controls</b> <b>N</b> No Options		<b>Coatings</b> <b>G</b> Gray (RAL 7040)
			<b>Battery</b> <b>F</b> 90 min.

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# Ordering Information

## Vigilant® LED Area Light - 120-277 VAC Battery Backup



Part Number	Initial Fixture Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Mounting
<b>Gen II Battery Backup - UL 1598/A - 3/4" NPT Models</b>							
ALU-7AC2-9NNW-NGF	8,800	71	124	CW	Tempered Glass	180°	3/4" NPT
ALU-5AC2-9NNW-NGF	8,100	71	114	CW	Polycarbonate Diffused	180°	3/4" NPT
ALU-7BC2-9NNW-NGF	9,000	71	127	CW	Tempered Glass	360°	3/4" NPT
ALU-5BC2-9NNW-NGF	8,300	71	117	CW	Polycarbonate Diffused	360°	3/4" NPT
ALU-7AC2-7NNW-NGF	7,100	57	125	CW	Tempered Glass	180°	3/4" NPT
ALU-5AC2-7NNW-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	3/4" NPT
ALU-7BC2-7NNW-NGF	7,300	57	128	CW	Tempered Glass	360°	3/4" NPT
ALU-5BC2-7NNW-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	3/4" NPT
ALU-7WC2-7NNW-NGF	7,300	69	106	CW	Tempered Glass	Wide	3/4" NPT
ALU-5WC2-7NNW-NGF	6,700	69	97	CW	Polycarbonate Diffused	Wide	3/4" NPT
ALU-7AC2-6NNW-NGF	5,500	45	122	CW	Tempered Glass	180°	3/4" NPT
ALU-5AC2-6NNW-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	3/4" NPT
ALU-7BC2-6NNW-NGF	5,700	45	127	CW	Tempered Glass	360°	3/4" NPT
ALU-5BC2-6NNW-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	3/4" NPT
ALU-7AC2-4NNW-NGF	4,100	35	117	CW	Tempered Glass	180°	3/4" NPT
ALU-5AC2-4NNW-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	3/4" NPT
ALU-7BC2-4NNW-NGF	4,200	35	120	CW	Tempered Glass	360°	3/4" NPT
ALU-5BC2-4NNW-NGF	3,900	35	111	CW	Polycarbonate Diffused	360°	3/4" NPT
ALU-7AC2-3NNW-NGF	3,000	29	103	CW	Tempered Glass	180°	3/4" NPT
ALU-5AC2-3NNW-NGF	2,800	29	97	CW	Polycarbonate Diffused	180°	3/4" NPT
ALU-7BC2-3NNW-NGF	3,100	29	107	CW	Tempered Glass	360°	3/4" NPT
ALU-5BC2-3NNW-NGF	2,800	29	97	CW	Polycarbonate Diffused	360°	3/4" NPT
<b>Gen II Battery Backup - UL 1598/A with Retro-fit Adapters - Crouse Hinds</b>							
ALU-7BC2-7NCN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: Crouse Hinds
ALU-5BC2-7NCN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hinds
ALU-7BC2-6NCN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: Crouse Hinds
ALU-5BC2-6NCN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hinds
<b>Gen II Battery Backup - UL 1598/A with Retro-fit Adapters - GE Filtr-Gard</b>							
ALU-7BC2-7NGN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: GE Filtr-Gard
ALU-5BC2-7NGN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: GE Filtr-Gard
ALU-7BC2-6NGN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: GE Filtr-Gard
ALU-5BC2-6NGN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: GE Filtr-Gard

See ordering chart for additional options.

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# Ordering Information

## Vigilant® LED Area Light - 120-277 VAC Battery Backup



### Gen II Battery Backup - UL 1598/A - Universal Mounting Adapter

Part Number	Initial Fixture Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Mounting
ALU-7AC2-7NUN-NGF	7,100	57	125	CW	Tempered Glass	180°	UMA Hub
ALU-5AC2-7NUN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	UMA Hub
ALU-7BC2-7NUN-NGF	7,300	57	128	CW	Tempered Glass	360°	UMA Hub
ALU-5BC2-7NUN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	UMA Hub
ALU-7AC2-6NUN-NGF	5,500	45	122	CW	Tempered Glass	180°	UMA Hub
ALU-5AC2-6NUN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	UMA Hub
ALU-7BC2-6NUN-NGF	5,700	45	127	CW	Tempered Glass	360°	UMA Hub
ALU-5BC2-6NUN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	UMA Hub
ALU-7AC2-7NSN-NGF	7,100	57	125	CW	Tempered Glass	180°	45° Stanchion
ALU-5AC2-7NSN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	45° Stanchion
ALU-7AC2-6NSN-NGF	5,500	45	122	CW	Tempered Glass	180°	45° Stanchion
ALU-5AC2-6NSN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	45° Stanchion
ALU-7AC2-4NSN-NGF	4,100	35	117	CW	Tempered Glass	180°	45° Stanchion
ALU-5AC2-4NSN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	45° Stanchion
ALU-7AC2-7NWN-NGF	7,100	57	125	CW	Tempered Glass	180°	45° Wall
ALU-5AC2-7NWN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	45° Wall
ALU-7AC2-6NWN-NGF	5,500	45	122	CW	Tempered Glass	180°	45° Wall
ALU-5AC2-6NWN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	45° Wall
ALU-7AC2-4NWN-NGF	4,100	35	117	CW	Tempered Glass	180°	45° Wall
ALU-5AC2-4NWN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	45° Wall
ALU-7AC2-7NVN-NGF	7,100	57	125	CW	Tempered Glass	180°	0° Wall
ALU-5AC2-7NVN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	0° Wall
ALU-7AC2-6NVN-NGF	5,500	45	122	CW	Tempered Glass	180°	0° Wall
ALU-5AC2-6NVN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	0° Wall
ALU-7AC2-4NVN-NGF	4,100	35	117	CW	Tempered Glass	180°	0° Wall
ALU-5AC2-4NVN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	0° Wall
ALU-7BC2-7NFN-NGF	7,300	57	128	CW	Tempered Glass	360°	Ceiling Mount
ALU-5BC2-7NFN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Ceiling Mount
ALU-7BC2-6NFN-NGF	5,700	45	127	CW	Tempered Glass	360°	Ceiling Mount
ALU-5BC2-6NFN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Ceiling Mount
ALU-7BC2-4NFN-NGF	4,200	35	120	CW	Tempered Glass	360°	Ceiling Mount
ALU-5BC2-4NFN-NGF	3,900	35	111	CW	Polycarbonate Diffused	360°	Ceiling Mount

See ordering chart for additional options.

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## SafeSite® LED Area Light 120-277 VAC Model



### Certifications & Ratings\*

- 10 year warranty
- L70 > 150,000 hours @ 55°C
- UL 844, UL 1598/A
- UL 924
- CSA C22.2 No. 141
- CSA C22.2 No. 250
- CSA C22.2 No. 137
- IP66 / 67
- NEMA 4X

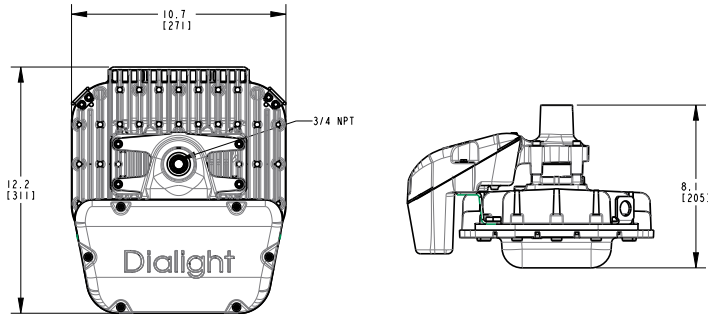
### ALD/ALF:

- Class I, Div. 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC
- Class II, Div. 1, Groups E, F, G\*\*
- Zone 20 and 21\*\*
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

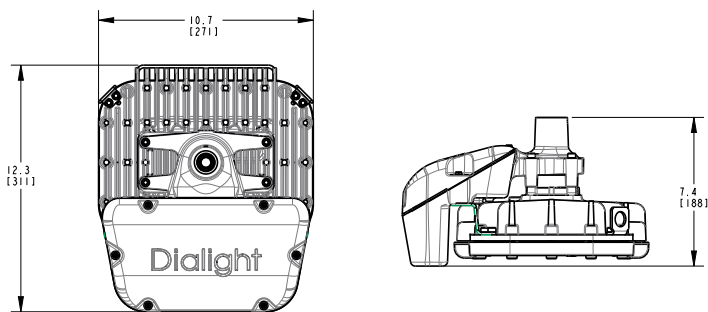
\*ETL listed

\*\*ALF Model only

### Polycarbonate Lens



### Glass Lens



Dimensions in inches [mm]

### Mechanical Information:

<b>Fixture weight:</b>	20 lb (9.1 kg) - Polycarbonate lens 22 lb (10 kg) - Tempered glass lens
<b>Shipping weight:</b>	Add 7 lb (3.2 kg) to weights above
<b>Impact rating:</b>	IK10 - Polycarbonate lens IK07 - Tempered glass lens
<b>Cabling:</b>	10' STOOW/SOOW 18/4 AWG cable

### Electrical Specifications:

<b>Operating voltage:</b>	120-277 VAC 50/60Hz
<b>Total system power consumption:</b>	See table
<b>Operating temperature:</b>	-4°F to +131°F (-20°C to +55°C)
<b>EMC:</b>	FCC Title 47, Subpart B, Section 15, Class A device RF Immunity 20V/m 80MHz-1GHz.
<b>Transient protection:</b>	6kV/3kA L-L and L-GND
<b>THD:</b>	< 20%
<b>Power factor:</b>	> 0.9

### Construction:

<b>Housing:</b>	Copper-free aluminum
<b>Finish:</b>	Superior dual coat finish - Sealed polyester topcoat - Epoxy primer
<b>Lens:</b>	Hard-coated polycarbonate Tempered glass

### Photometric Information:

<b>CRI:</b>	80
<b>CCT:</b>	5000K (cool white) 4000K (neutral white)
<b>Optics:</b>	360° 180° forward throw for 45° mounting Wide for 0° mounting

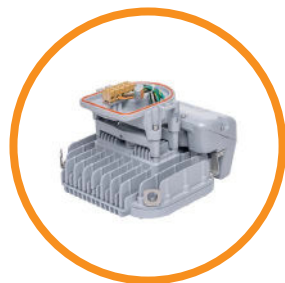
All values typical unless otherwise stated (tolerance +/- 10%)

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## SafeSite® LED Area Light

### 120-277 VAC with Universal Mounting Adapter

#### Universal Mounting Adapter



For use with HZXW01, HZXW45, HZXS45 or HZXFM brackets sold separately



HZXW01



HZXS45



HZXS90 / HZXT90



HZXC34



HZXW45



HZXFM

#### Certifications & Ratings\*

- 10 year warranty
- L70 > 150,000 hours @ 55°C
- UL 844, UL 1598/A
- UL 924
- CSA C22.2 No. 141
- CSA C22.2 No. 250
- CSA C22.2 No. 137
- IP66 / 67
- NEMA 4X

#### ALD/ALF:

- Class I, Div. 2, Groups A, B, C, D
- Class I, Zone 2, Group IIC
- Class II, Div. 1, Groups E, F, G\*\*
- Zone 20 and 21\*\*
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

\*ETL listed

\*\*ALF Model only

#### Mechanical Information:

##### Fixture weight:

UMA models:	22 lb (10 kg) - Polycarbonate lens
	24 lb (10.9 kg) - Tempered glass lens
Wall mount models:	25 lb (11.4 kg) - Polycarbonate lens
	27 lb (12.3 kg) - Tempered glass lens
45° wall mount models:	24 lb (10.9 kg) - Polycarbonate lens
	26 lb (11.8 kg) - Tempered glass lens
45° stanchion mount:	27 lb (12.2 kg) - Polycarbonate lens
	30 lb (13.6 kg) - Tempered glass lens
Ceiling mount:	24 lb (10.9 kg) - Polycarbonate lens
	26 lb (11.8 kg) - Tempered glass lens
90° stanchion mount:	26 lb (11.7 kg) - Polycarbonate lens
	28 lb (12.6 kg) - Tempered glass lens

##### Shipping weight:

Add 7 lb (3.2 kg) to weights above

##### Cabling:

14" leads 1.02 mm 18 AWG

##### Impact rating:

IK10 - Polycarbonate lens  
IK07 - Tempered glass lens

#### Electrical Specifications:

Operating voltage:	120-277 VAC 50/60Hz
Operating temperature:	-4°F to +131°F (-20°C to +55°C)
EMC:	FCC Title 47, Subpart B, Section 15, Class A device RF Immunity 20V/m 80MHz-1GHz.
Transient protection:	6kV/3kA L-L and L-GND
THD:	< 20%
Power factor:	> 0.9

#### Construction:

Housing:	Copper-free aluminum
Finish:	Superior dual coat finish - Sealed polyester topcoat - Epoxy primer
Lens:	Hard-coated polycarbonate Tempered glass

#### Photometric Information:

CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)
Optics:	360° 180° forward throw for 45° mounting Wide for 0° mounting

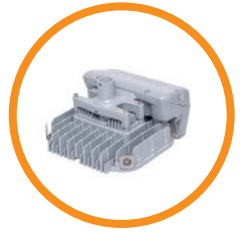
All values typical unless otherwise stated (tolerance +/- 10%)

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# SafeSite® LED Area Light

## 120-277 VAC Model



Project Information			Specifications		
Part Number:					
Project:					
Fixture Type:		Date:			

### Ordering Information

<b>AL</b>	-		-		-		-	<b>2</b>	-		-	<b>N</b>	-		-		-	<b>N</b>	-	<b>G</b>	-	<b>F</b>		
Product Code		Cert.		Lens Material		Beam Dist.		CCT & CRI		Oper. Voltage		Lumen Type		Controls		Mounting Options		HW Access.		Elect. Access.		Coatings		Battery

#### Product Code

AL Area Light

#### Certification

D UL 844 Class I, Div. 2  
Class II, Div. 2, Class III, Div. 1, 2  
Class I, Zone 2, Group IIC,  
CSA C22.2 No. 137-M81

F UL 844 Class II Div. 1, 2  
Class I Div. 2, Class III, Div. 1, 2  
CSA C22.2 No. 137-M81

#### Lens Material

5 Polycarbonate - Diffused  
7 Tempered Glass - Clear

#### Beam Distribution

A 180°  
B 360°  
W Wide

#### CCT & CRI

C Cool White 5000K - 80 CRI  
N Neutral White 4000K - 80 CRI

#### Operating Voltage

2 120-277 VAC

#### Lumen Type

3 3,100 Lumens  
4 4,200 Lumens  
6 5,700 Lumens  
7 7,300 Lumens  
9 9,000 Lumens

#### Controls

N No Option

#### Mounting Options

	Retro-fit Adapter
	Universal Mounting Adapter (UMA)
B	Swivel Bracket, Locking 0° - 90° 316 Stainless Steel
N	3/4" NPT Pendant
A	Appleton Mercmaster III
C	Crouse-Hinds - Champ
E	GE Mini-Gard
G	GE Filtr-Gard
H	Thomas & Betts Hazlux
K	Killark Certilite & Certilite V
M	Appleton Mercmaster II
P	Holophane Petrolux II and III
F	Ceiling Mount
S	45° Stanchion Mount
T	90° Stanchion Mount (NPT)
U	UMA - Mounting Hub
V	0° Wall Mount
W	45° Wall Mount
Y	34mm Conveyor Mount

#### Hardware Accessories

N For Mounting Options -  
A, C, F, G, H, K, M, S, U, V, W, Y  
(individual wire leads are terminated  
in adapter housing)  
W 10 ft (3 meter) Power Cable for  
Mounting Options - B, N

#### Electrical Accessories

N No Option

#### Coatings

G Gray (RAL 7040)

#### Battery

F 90 min.

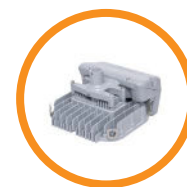
#### Notes

- When ordering Beam Distribution W - Wide: Lumen Type = 7.
- When ordering Mounting Options "UMA" or "Retro-fit": Hardware Accessories = N.
- When ordering Mounting Option U - UMA Mounting Hub HZXW01, HZXW45, HZXS45, HZXT90, HZXF01, HZXF02, HZXF03, HZXF04, HZXF05, HZXF06, HZXF07, HZXF08, HZXF09, HZXF10, HZXF11, HZXF12, HZXF13, HZXF14, HZXF15, HZXF16, HZXF17, HZXF18, HZXF19, HZXF20, HZXF21, HZXF22, HZXF23, HZXF24, HZXF25, HZXF26, HZXF27, HZXF28, HZXF29, HZXF30, HZXF31, HZXF32, HZXF33, HZXF34, HZXF35, HZXF36, HZXF37, HZXF38, HZXF39, HZXF40, HZXF41, HZXF42, HZXF43, HZXF44, HZXF45, HZXF46, HZXF47, HZXF48, HZXF49, HZXF50, HZXF51, HZXF52, HZXF53, HZXF54, HZXF55, HZXF56, HZXF57, HZXF58, HZXF59, HZXF60, HZXF61, HZXF62, HZXF63, HZXF64, HZXF65, HZXF66, HZXF67, HZXF68, HZXF69, HZXF70, HZXF71, HZXF72, HZXF73, HZXF74, HZXF75, HZXF76, HZXF77, HZXF78, HZXF79, HZXF80, HZXF81, HZXF82, HZXF83, HZXF84, HZXF85, HZXF86, HZXF87, HZXF88, HZXF89, HZXF90, HZXF91, HZXF92, HZXF93, HZXF94, HZXF95, HZXF96, HZXF97, HZXF98, HZXF99, HZXF100 are required. See page 20-21 for details.

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# Ordering Information

## SafeSite® LED Area Light - 120-277 VAC Model



Gen II Battery Backup - CID2 - 3/4" NPT Models							
Part Number	Initial Fixture Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Mounting
ALD-7AC2-9NNW-NGF	8,800	71	124	CW	Tempered Glass	180°	3/4" NPT
ALD-5AC2-9NNW-NGF	8,100	71	114	CW	Polycarbonate Diffused	180°	3/4" NPT
ALD-7BC2-9NNW-NGF	9,000	71	127	CW	Tempered Glass	360°	3/4" NPT
ALD-5BC2-9NNW-NGF	8,300	71	117	CW	Polycarbonate Diffused	360°	3/4" NPT
ALD-7AC2-7NNW-NGF	7,100	57	125	CW	Tempered Glass	180°	3/4" NPT
ALD-5AC2-7NNW-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	3/4" NPT
ALD-7BC2-7NNW-NGF	7,300	57	128	CW	Tempered Glass	360°	3/4" NPT
ALD-5BC2-7NNW-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	3/4" NPT
ALD-7WC2-7NNW-NGF	7,300	69	106	CW	Tempered Glass	Wide	3/4" NPT
ALD-5WC2-7NNW-NGF	6,700	69	97	CW	Polycarbonate Diffused	Wide	3/4" NPT
ALD-7AC2-6NNW-NGF	5,500	45	122	CW	Tempered Glass	180°	3/4" NPT
ALD-5AC2-6NNW-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	3/4" NPT
ALD-7BC2-6NNW-NGF	5,700	45	127	CW	Tempered Glass	360°	3/4" NPT
ALD-5BC2-6NNW-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	3/4" NPT
ALD-7AC2-4NNW-NGF	4,100	35	117	CW	Tempered Glass	180°	3/4" NPT
ALD-5AC2-4NNW-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	3/4" NPT
ALD-7BC2-4NNW-NGF	4,200	35	120	CW	Tempered Glass	360°	3/4" NPT
ALD-5BC2-4NNW-NGF	3,900	35	111	CW	Polycarbonate Diffused	360°	3/4" NPT
ALD-7AC2-3NNW-NGF	3,000	29	103	CW	Tempered Glass	180°	3/4" NPT
ALD-5AC2-3NNW-NGF	2,800	29	97	CW	Polycarbonate Diffused	180°	3/4" NPT
ALD-7BC2-3NNW-NGF	3,100	29	107	CW	Tempered Glass	360°	3/4" NPT
ALD-5BC2-3NNW-NGF	2,800	29	97	CW	Polycarbonate Diffused	360°	3/4" NPT
Gen II Battery Backup - CID2 with Retro-fit Adapters - Crouse Hinds							
ALD-7BC2-7NCN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: Crouse Hinds
ALD-5BC2-7NCN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hinds
ALD-7BC2-6NCN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: Crouse Hinds
ALD-5BC2-6NCN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hinds
Gen II Battery Backup - CID2 with Retro-fit Adapters - GE Filtr-Gard							
ALD-7BC2-7NGN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: GE Filtr-Gard
ALD-5BC2-7NGN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: GE Filtr-Gard
ALD-7BC2-6NGN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: GE Filtr-Gard
ALD-5BC2-6NGN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: GE Filtr-Gard

See ordering chart for additional options.

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# Ordering Information

## SafeSite® LED Area Light - 120-277 VAC with UMA



Gen II Battery Backup - CID2 - Universal Mounting Adapter							
Part Number	Initial Fixture Lumens	Wattage	lm/W	CCT	Lens	Beam Distribution	Mounting
ALD-7AC2-7NUN-NGF	7,100	57	125	CW	Tempered Glass	180°	UMA Hub
ALD-5AC2-7NUN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	UMA Hub
ALD-7BC2-7NUN-NGF	7,300	57	128	CW	Tempered Glass	360°	UMA Hub
ALD-5BC2-7NUN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	UMA Hub
ALD-7AC2-6NUN-NGF	5,500	45	122	CW	Tempered Glass	180°	UMA Hub
ALD-5AC2-6NUN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	UMA Hub
ALD-7BC2-6NUN-NGF	5,700	45	127	CW	Tempered Glass	360°	UMA Hub
ALD-5BC2-6NUN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	UMA Hub
ALD-7AC2-7NSN-NGF	7,100	57	125	CW	Tempered Glass	180°	45° Stanchion
ALD-5AC2-7NSN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	45° Stanchion
ALD-7AC2-6NSN-NGF	5,500	45	122	CW	Tempered Glass	180°	45° Stanchion
ALD-5AC2-6NSN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	45° Stanchion
ALD-7AC2-4NSN-NGF	4,100	35	117	CW	Tempered Glass	180°	45° Stanchion
ALD-5AC2-4NSN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	45° Stanchion
ALD-7AC2-7NWN-NGF	7,100	57	125	CW	Tempered Glass	180°	45° Wall
ALD-5AC2-7NWN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	45° Wall
ALD-7AC2-6NWN-NGF	5,500	45	122	CW	Tempered Glass	180°	45° Wall
ALD-5AC2-6NWN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	45° Wall
ALD-7AC2-4NWN-NGF	4,100	35	117	CW	Tempered Glass	180°	45° Wall
ALD-5AC2-4NWN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	45° Wall
ALD-7AC2-7NVN-NGF	7,100	57	125	CW	Tempered Glass	180°	0° Wall
ALD-5AC2-7NVN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	0° Wall
ALD-7AC2-6NVN-NGF	5,500	45	122	CW	Tempered Glass	180°	0° Wall
ALD-5AC2-6NVN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	0° Wall
ALD-7AC2-4NVN-NGF	4,100	35	117	CW	Tempered Glass	180°	0° Wall
ALD-5AC2-4NVN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	0° Wall
ALD-7BC2-7NFN-NGF	7,300	57	128	CW	Tempered Glass	360°	Ceiling Mount
ALD-5BC2-7NFN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Ceiling Mount
ALD-7BC2-6NFN-NGF	5,700	45	127	CW	Tempered Glass	360°	Ceiling Mount
ALD-5BC2-6NFN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Ceiling Mount
ALD-7BC2-4NFN-NGF	4,200	35	120	CW	Tempered Glass	360°	Ceiling Mount
ALD-5BC2-4NFN-NGF	3,900	35	111	CW	Polycarbonate Diffused	360°	Ceiling Mount

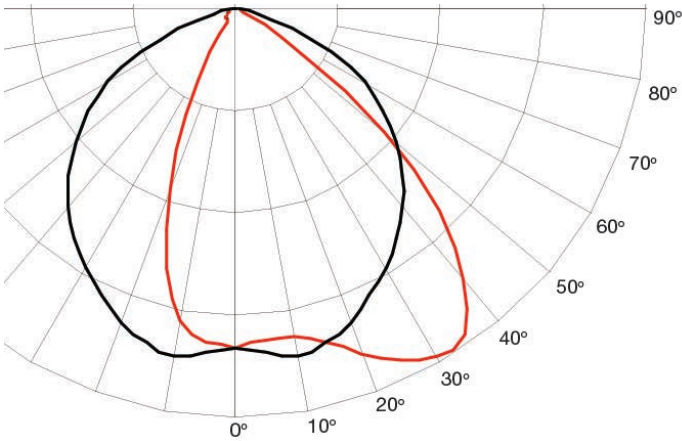
See ordering chart for additional options.

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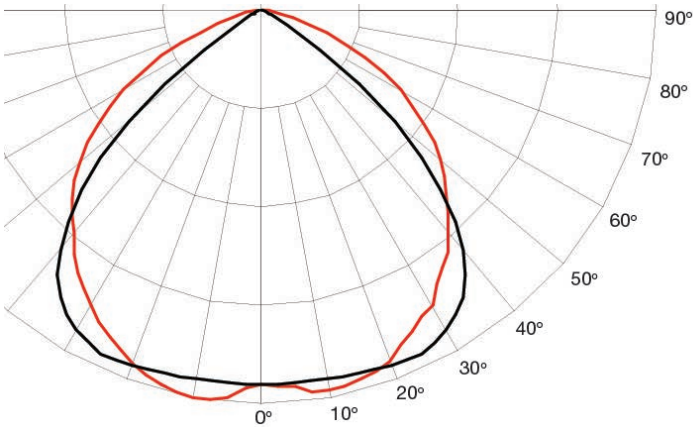
Beam Distribution



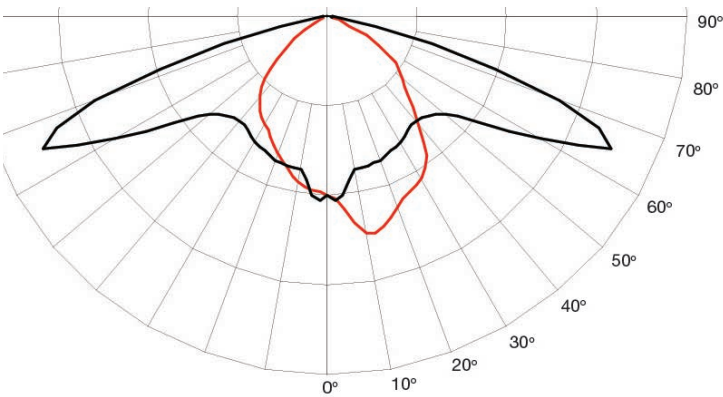
180° Beam Angle



360° Beam Angle



Wide Beam Angle



Inrush Current / Circuit Breakers

VAC	120V	277V
Ip <sub>k</sub> (A)	7.7	17.8
T50 (ms)	0.4	0.4

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## Lumen Tables

Type	Lumen Family	Typical Lumens in BB Mode (Ambient 25°C)
Tempered Glass 360° Optic CW 80 CRI	9K	1,600
	7K	1,550
	6K	1,560
	4K	1,600
	3K	1,520

Lumens will decrease at temperatures below 0°

Variable	Type	Multiplication Factor
Lens	Tempered Glass	100%
	PC Diffused	92%
Optic	360°	100%
	180°	98%
	Wide	81%
CCT & CRI	CW 80 CRI	100%
	NW 80 CRI	100%

## Mounting Accessories



Certified to: UL 50E • CSA C22.2 No. 94.2-07

### HZXSTAN100S

- 1.00" (1.315" Pole OD) Slip-fit stanchion mount

### HZXSTAN125S

- 1.25" (1.660" Pole OD) Slip-fit stanchion mount

### HZXSTAN150S

- 1.50" (1.900" Pole OD) Slip-fit stanchion mount

### HZXSTAN200S

- 2.00" (2.375" Pole OD) Slip-fit stanchion mount

### HZXSTAN100T

- 1.00" (1.315" Pole OD) NPT threaded stanchion mount

### HZXSTAN125T

- 1.25" (1.660" Pole OD) NPT threaded stanchion mount

### HZXSTAN150T

- 1.50" (1.900" Pole OD) NPT threaded stanchion mount

### HZXSTAN200T

- 2.00" (2.375" Pole OD) NPT threaded stanchion mount



### HZXW3

- 316 stainless steel bracket



### HZXW4

- 316 stainless steel bracket with pipe clamp



Certified to: UL 50E • CSA C22.2 No. 94.2-07

### HZXJB075

- 0.75" Ceiling / Wall / Pole mount junction box

### HZXJB100

- 1.00" Ceiling / Wall / Pole mount junction box

### HZXJB125

- 1.25" Ceiling / Wall / Pole mount junction box

### HZXJB150

- 1.50" Ceiling / Wall / Pole mount junction box



Certified to: UL 50E • UL 1203

ISA 12.12.01 • CSA C22.2 No. 94.2-07

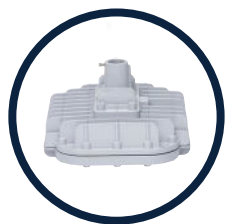
### HBXC1

- 0.75" NPT Ceiling mount

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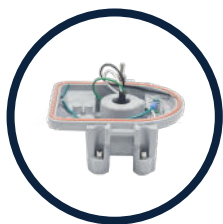
## Mounting Options

### Universal Mounting Adapter



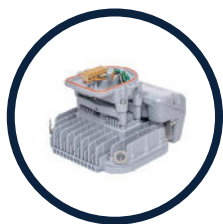
Area Light Base

+



HZXUMA

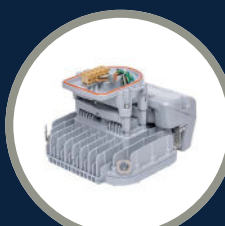
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UMA Area Light

Our new Universal Mounting Adapter, now provides even greater flexibility by allowing you to modify stock you have on-hand to configure based on the needs of your customer without having to stock a lot of factory installed systems.

### Area Lights with Universal Mounting Adapter & Brackets Sold Separately



UMA Area Light  
ALx-xxxx-xxUx-xxN

+



Stanchion 45°  
HZXS45



Wall 45°  
HZXW45



Wall 0°  
HZXW01



Conveyor  
HZXCV34

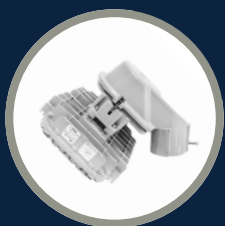


Ceiling  
HZXFM

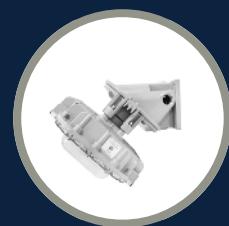


Stanchion 90°  
HZXS90 / HZXT90

### Area Lights with Purchased Brackets Factory Installed



Stanchion 45°



Wall 45°



Wall 0°



Conveyor



Ceiling



Stanchion 90°

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# Mounting Options

## Retro-fit Adapters



### Area Lights with Retro-fit Adapters



Killark® Certilite® & Certilite® V  
HZXTHKL



Appleton® Mercmaster III  
HZXTHAP



Crouse-Hinds Champ®  
HZXTHCH



Holophane® Petrolux II, III  
HZXTHP3



Appleton® Mercmaster II  
HZXTHM2



Thomas & Betts Hazlux®  
HZXHTB



GE Filtr-Gard™  
HZXTHGE



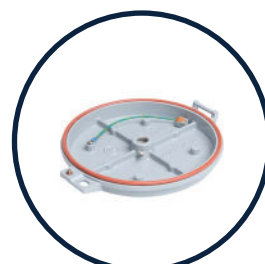
GE Mini-Gard™  
HZXTHMG

## Retro-fit Options

Retro-fit adapters can be factory installed. See product ordering information for details.

Eaton's Crouse-Hinds – Champ®  
 GE Lighting Solutions – Filtr-Gard™  
 GE Lighting Solutions – Mini-Gard™  
 Holophane Petrolux® II, III  
 Thomas & Betts Hazlux®  
 Appleton® Mercmaster III  
 Appleton® Mercmaster II  
 Killark® Certilite® & Certilite® V

\*Petrolux adapter available as a standalone accessory only



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

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

Holophane® Petrolux II, III - HZXTHP3				
Pendant	Universal	Stanchion	Ceiling	Wall
PD	UN	SA	CD	WL
GH		ST	CE	W
P		A	B, C, D	

GE Lighting Solutions – Mini-Gard™ - HZXTHMG			
Pendant	Ceiling	Stanchion	Wall
3P	3C	5S	3W
4P	4C	5J	4W
		6S	
		6J	

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# Retro-fit Options



Thomas & Betts Hazlux® - HZXTHTB				
Pendant	Pendant Cone	Flexible Pendant	Ceiling	Wall
VP2	VA2	VF2	VC2	VB2
VP3	VA3	VF3	VC3	VB3
Wall	25° Angle Stanchion	25° Angle Stanchion	Straight Stanchion	Straight Stanchion
VB2-VIB	VS4	VS4-VIB	VL4	VL4-VIB
VB3-VIB	VS5	VS5-VIB	VL5	VL5-VIB



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



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



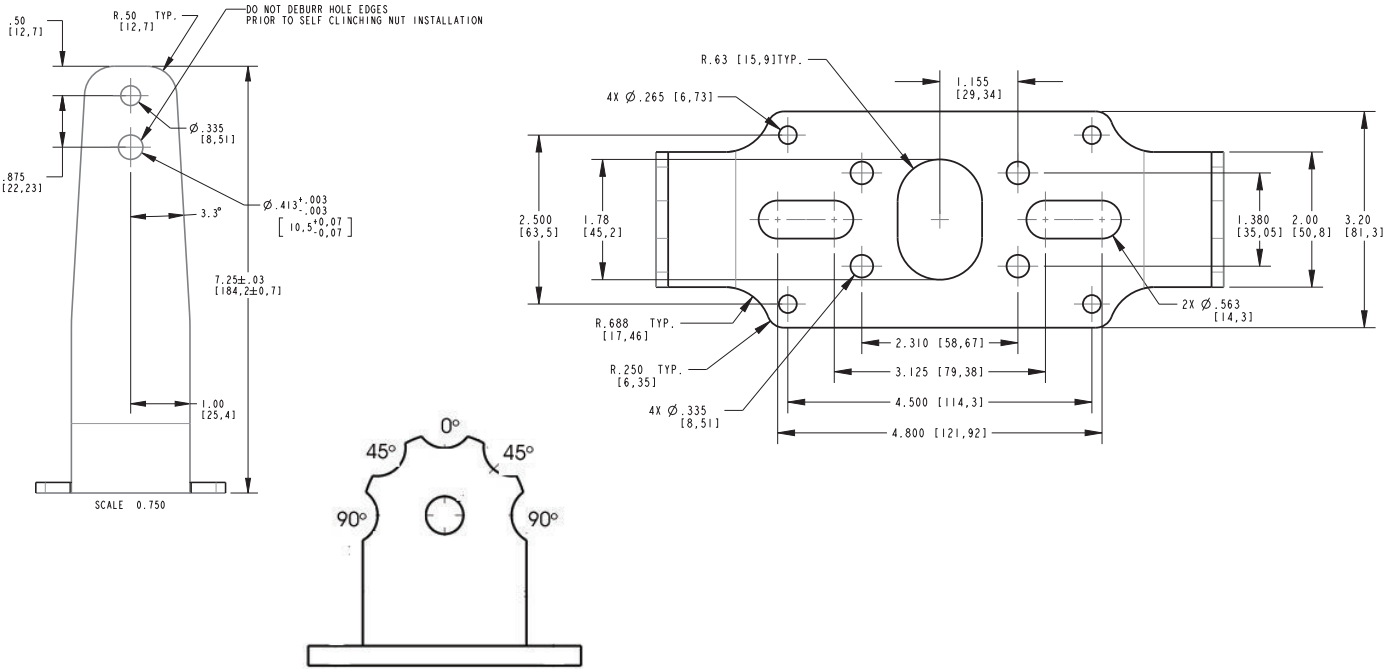
Killark® Certilite® & Certilite® V - HZXTHKL			
Pendant	Ceiling	Wall	Stanchion
VMA2B & VMA-2	VMX2B & VMX-2	VMB2B & VMB-2	VMD4B
VMA3B & VMA-3	VMX3B & VMX-3	VMB3B & VMB-3	VMD5B
VMC2B & VMC-2	VMX6B, 7B, 8B, 9B		VMS5B
VMC3B & VMC-3			
VMF2B, 3B			

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# Dimensional Drawings - Accessories

HZXW3 & HZXW4

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

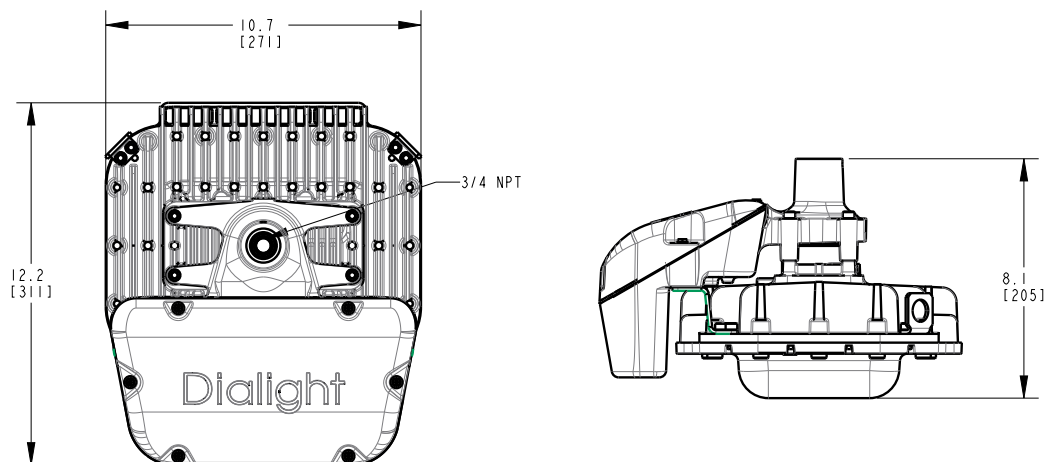


Dimensions in inches [mm]

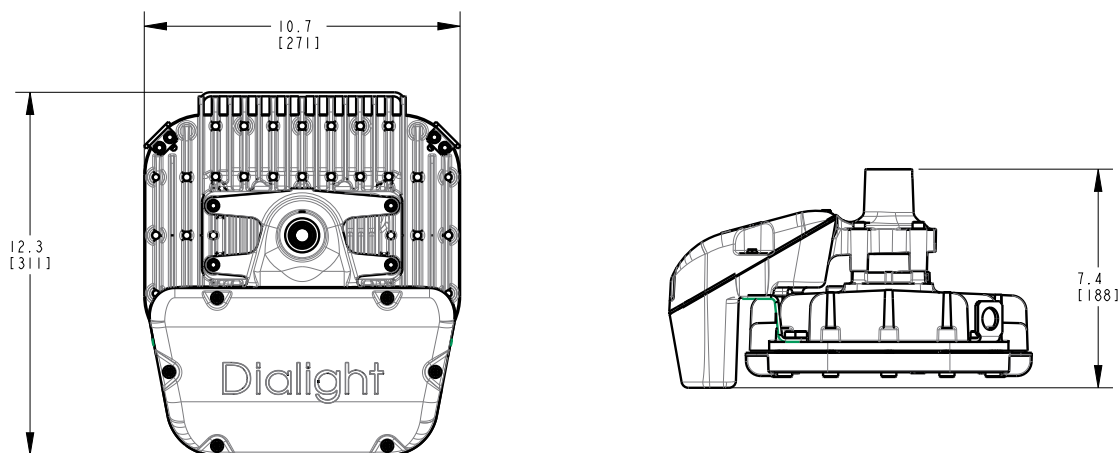
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## Dimensional Drawings - Area Light

Polycarbonate Lens



Glass Lens

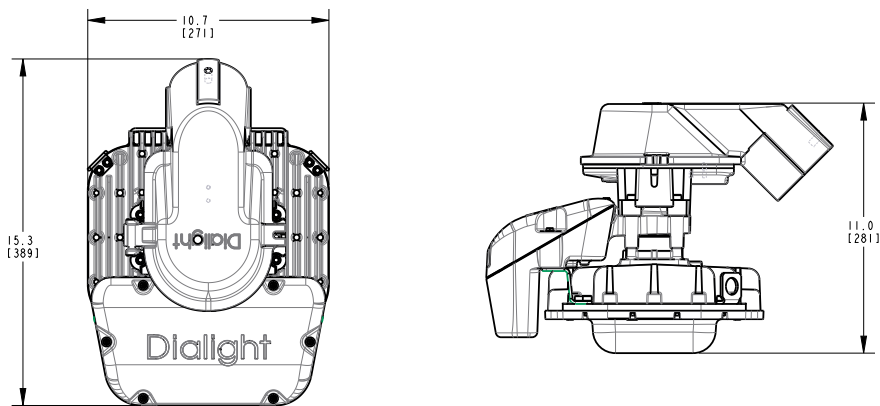


Dimensions in inches [mm]

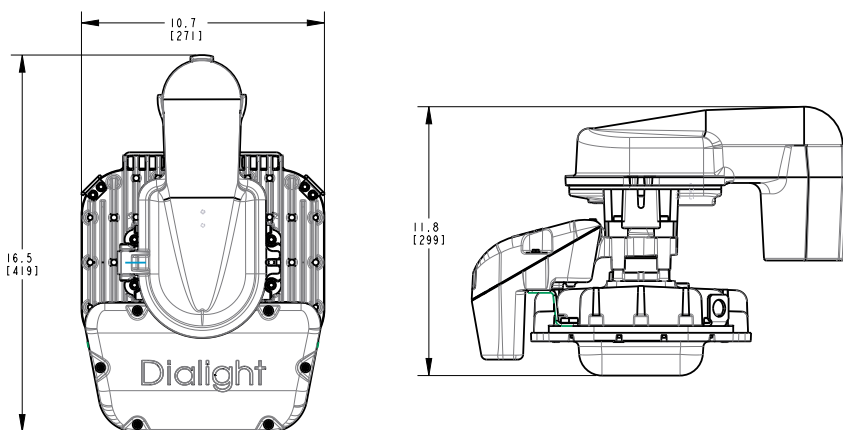
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# Dimensional Drawings - Universal Mounting Adapter

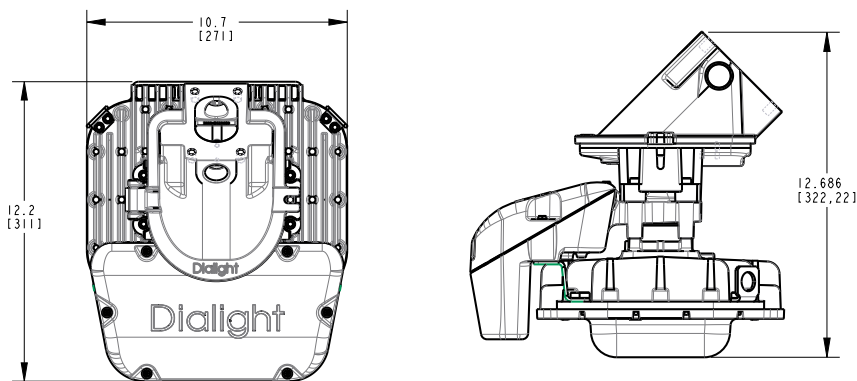
45° Stanchion Mount



90° Stanchion Mount



45° Wall Mount



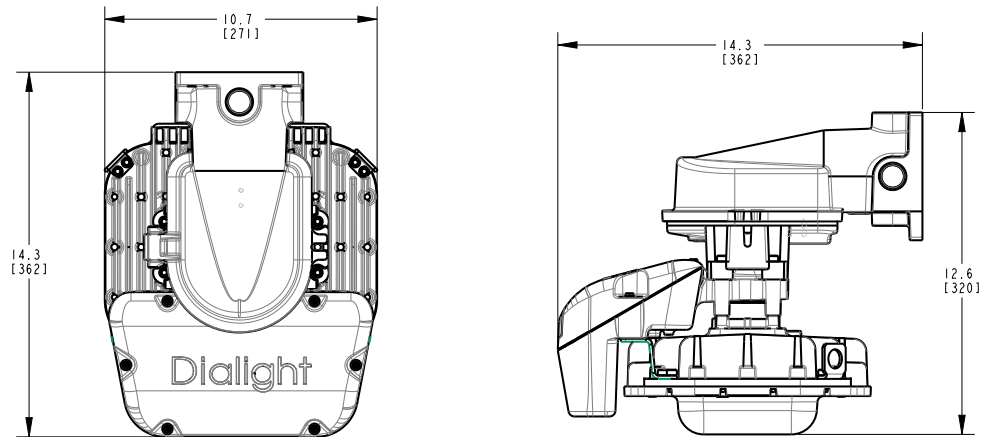
Dimensions in inches [mm]

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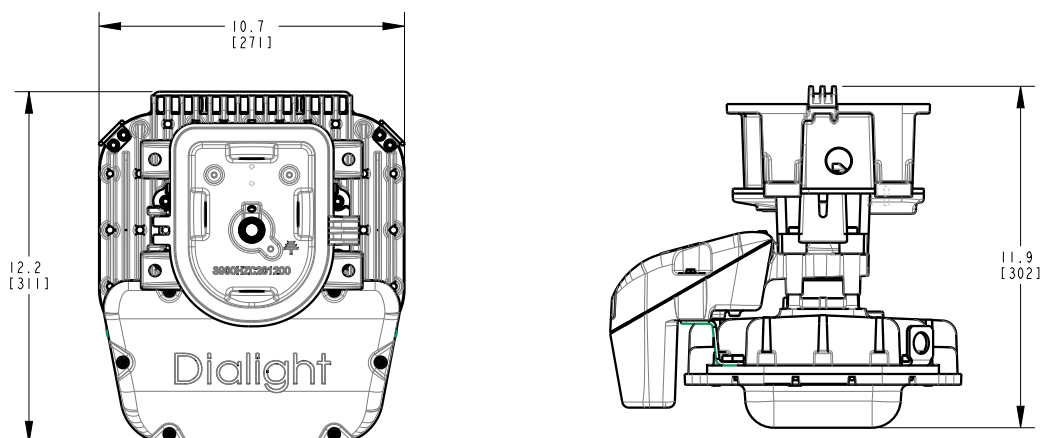


# Dimensional Drawings - Universal Mounting Adapter

Wall Mount



Ceiling Mount

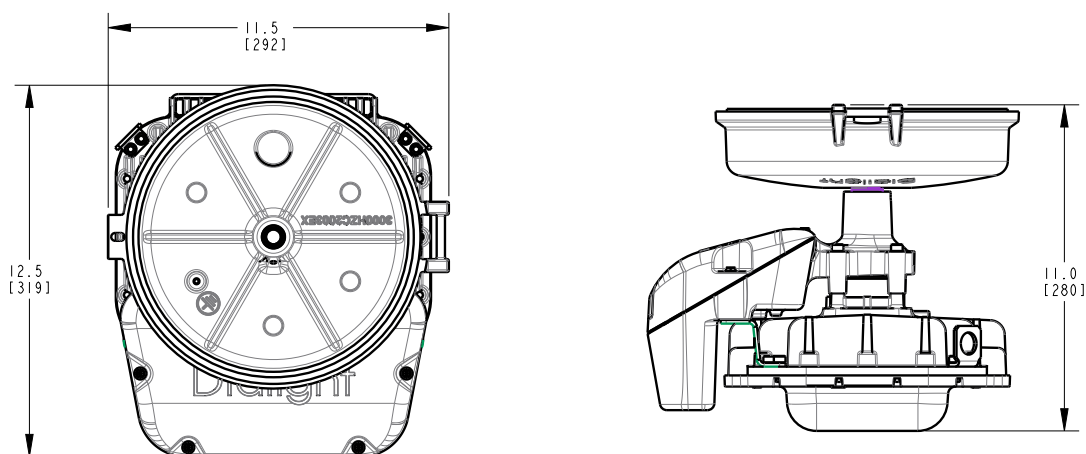


Dimensions in inches [mm]

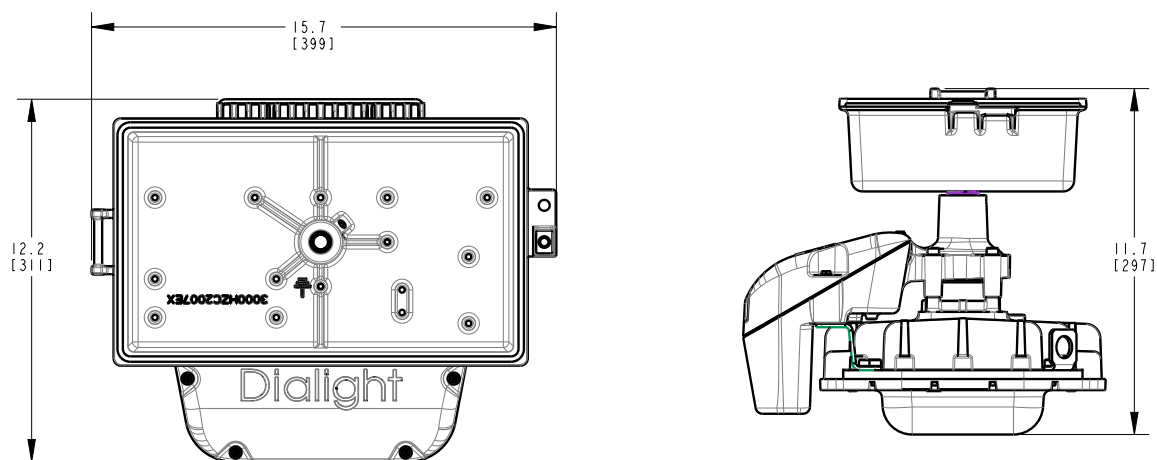
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## Dimensional Drawings - Retro-fit Kits

Eaton's Crouse-Hinds – Champ®



GE Lighting Solutions – Filtr-Gard™



Dimensions in inches [mm]

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