

Dialight® LED Area Light - Battery Backup Models Technical Specification Sheet - UL



Vigilant® LED Area Light

120-277 VAC Battery Backup



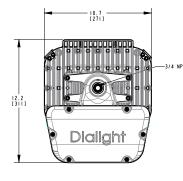
Certifications & Ratings*

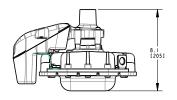
- 10 year warranty
- UL 1598/A
- UL 924
- CSA C22.2 No. 250

*ETL listed

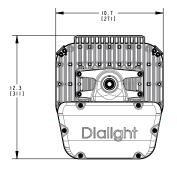
- CSA 22.2 No. 141
- IP66 / 67
- NEMA 4X
- L70 > 150,000h @ 55°C

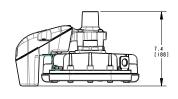
Polycarbonate Lens





Glass Lens





Dimensions in inches [mm]

Mechanical Information:

Fixture weight: 20 lb (9.1 kg) - Polycarbonate lens

22 lb (10 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: 10' STOOW/SOOW 18/4 AWG cable

Electrical Specifications:

Operating voltage: 120-277 VAC, 50/60Hz

Total system power

consumption: See table

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) 2700K (warm white)

Optics: 360°

180° forward throw for 45° mounting

Wide for 0° mounting

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



Vigilant® LED Area Light

120-277 VAC Battery Backup

Universal Mounting Adapter



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











HZXS90 / HZXT90

HZXS25

HZXW45

HZXFM

Certifications & Ratings*

- 10 year warranty
- UL 1598/A
- III 924
- CSA C22.2 No. 250

*FTL listed

- CSA 22.2 No. 141
- IP66 / 67
- NFMA 4X
- L70 > 150,000h @ 55°C

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

Hard-coated polycarbonate Lens:

Tempered glass

Photometric Information:

CRI:

CCT: 5000K (cool white)

4000K (neutral white) 2700K (warm white)

Optics:

180° forward throw for 45° mounting

Wide for 0° mounting

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



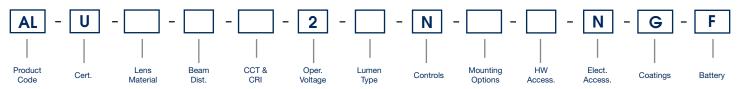
Vigilant® LED Area Light

120-277 VAC Battery Backup



Specifications

Ordering Information



Product Code	CCT & CRI	Mounting Options	Hardware Accessories	
AL Area Light	C Cool White 5000K - 80 CRI	Retro-fit Adapter	N For Mounting Options -	
	N Neutral White 4000K - 80 CRI	Universal Mounting Adapter	A, C, F, G, H, K, M, S, U, V, W, Y (individual wire leads are terminated	
	W Warm White 2700K - 80 CRI	(UMA)	in adapter housing)	
Certification		B Swivel Bracket, Locking 0°- 90° 316 Stainless Steel	W 10 ft (3 meter) Power Cable for Mounting Options - B, N	
U UL 1598/A CSA 22.2 No. 250.0	Operating Voltage	N 3/4" NPT Pendant		
	2 120 - 277 VAC	A Appleton Mercmaster III		
		C Crouse-Hinds - Champ	Electrical Accessories	
Lens Material		E GE Mini-Gard	N No Option	
5 Polycarbonate - Diffused	Luman Trac	G GE Filtr-Gard		
7 Glass - Clear	Lumen Type	H Thomas & Betts Hazlux		
	3 3,100 Lumens	K Killark Certilite & Certilite V	Coatings	
	4 4,200 Lumens	M Appleton Mercmaster II	G Gray (RAL 7040)	
Beam Distribution	6 5,700 Lumens	P Holophane Petrolux II and III	G Gray (NAL 1040)	
	7 7,300 Lumens	F Ceiling Mount		
A 180°	9 9,000 Lumens	R 90° Stanchion Mount (Slip)		
B 360°		S 45° Stanchion Mount	Battery	
W Wide		T 90° Stanchion Mount (NPT)	F 90 min.	
	Controls	U UMA - Mounting Hub		
	N No Options	V 0° Wall Mount		
		_ O TYGII IVIOGITE		

DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at www.dialight.com, as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at www.dialight.com, the latter shall prevail.

W 45° Wall MountD 25° Stanchion Mount



Ordering Information

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



Part Number	Initial Fixture Lumens	Wattage	lm/W	ССТ	Lens	Beam Distribution	Mounting		
Gen II Battery Backup - UL 1598/A - 3/4" NPT Models									
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		
	Gen II	Battery Back	up - UL 1598	3/A with Retro	-fit Adapters - Crouse Hi	nds			
ALU-7BC2-7NCN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: Crouse Hind		
ALU-5BC2-7NCN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hind		
ALU-7BC2-6NCN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: Crouse Hind		
ALU-5BC2-6NCN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hind		
					-fit Adapters - GE Filtr-G				
ALLI TROS TRICNI NOT	1		ı	CW	Tempered Glass	360°	Potro fit: CE Eiltr Corr		
ALU-7BC2-7NGN-NGF	7,300	57	128		·		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



		en ii ballery E	backup - UL	1390/A - UNI	versal Mounting Adapter		
Part Number	Initial Fixture Lumens	Wattage	lm/W	ССТ	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° Stanchio
ALU-5AC2-7NSN-NGF	6,600	57	116	CW	Polycarbonate Diffused	180°	45° Stanchic
ALU-7AC2-6NSN-NGF	5,500	45	122	CW	Tempered Glass	180°	45° Stanchic
ALU-5AC2-6NSN-NGF	5,100	45	113	CW	Polycarbonate Diffused	180°	45° Stanchic
ALU-7AC2-4NSN-NGF	4,100	35	117	CW	Tempered Glass	180°	45° Stanchic
ALU-5AC2-4NSN-NGF	3,800	35	109	CW	Polycarbonate Diffused	180°	45° Stanchic
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 Mour
ALU-5BC2-7NFN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Ceiling Mour
ALU-7BC2-6NFN-NGF	5,700	45	127	CW	Tempered Glass	360°	Ceiling Mour
ALU-5BC2-6NFN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Ceiling Mour
ALU-7BC2-4NFN-NGF	4,200	35	120	CW	Tempered Glass	360°	Ceiling Mour
ALU-5BC2-4NFN-NGF	3,900	35	111	CW	Polycarbonate Diffused	360°	Ceiling Mour

See ordering chart for additional options.

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SafeSite® LED Area Light

120-277 VAC Model



Certifications & Ratings*

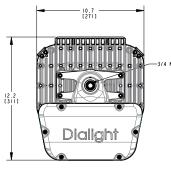
- 10 year warranty
- L70 > 150,000 hours @ 55°C
- UL 844, UL 1598/A
- Ul 924
- CSA C22.2 No. 141
- CSA C22.2 No. 250
- CSA C22.2 No. 137
- IP66 / 67
- NEMA 4X

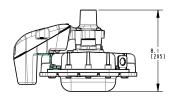
ALD/ALF:

- 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**
- *ETL listed

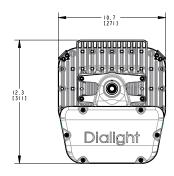
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

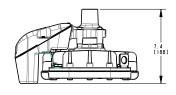
Polycarbonate Lens





Glass Lens





Dimensions in inches [mm]

Mechanical Information:

Fixture weight: 20 lb (9.1 kg) - Polycarbonate lens

22 lb (10 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: 10' STOOW/SOOW 18/4 AWG cable

Electrical Specifications:

Operating voltage: 120-277 VAC 50/60Hz

Total system power

consumption: See table

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) 2700K (warm white)

Optics: 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.



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





HZXS90 / HZXT90







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**

*ETL listed
**ALF Model only

- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

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

45° Wall mount models: 24 lb (10.9 kg) - Polycarbonate lens 26 lb (11.8 kg) - Tempered glass lens 27 lb (12.2 kg) - Polycarbonate 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

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EMC: FCC Title 47, Subpart B, Section 15,

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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

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Photometric Information:

CRI: 80

CCT: 5000K (cool white)

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Optics: 360°

180° forward throw for 45° mounting

Wide for 0° mounting

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SafeSite® LED Area Light

120-277 VAC Model



Project	Information	Specifi	cations	
Part Number:				
Project:		1		
-				
Fixture Type:	Date:			
Ordering Information				
AL		- N	- N - G - F Coatings Battery	
Product Code	CCT & CRI	Mounting Options	Hardware Accessories	
AL Area Light	C Cool White 5000K - 80 CRI	Retro-fit Adapter	N For Mounting Options -	
	N Neutral White 4000K - 80 CRI	Universal Mounting Adapter	A, C, F, G, H, K, M, S, U, V, W, Y (individual wire leads are terminated	
Certification	W Warm White 2700K - 80 CRI	(UMA)	in adapter housing)	
D UL 844 Class I, Div. 2 Class II, Div. 2, Class III, Div. 1, 2	Operating Voltage	B Swivel Bracket, Locking 0°- 90° 316 Stainless Steel	W 10 ft (3 meter) Power Cable for Mounting Options - B, N	
Class I, Zone 2, Group IIC, CSA C22.2 No. 137-M81	2 120-277 VAC	N 3/4" NPT Pendant		
F UL 844 Class II Div. 1, 2		A Appleton Mercmaster III	Electrical Accessories	
Class I Div. 2, Class III, Div. 1,2 CSA C22.2 No. 137- M81		C Crouse-Hinds - Champ		
OSA 022.2 No. 137- Wo1	Lumen Type	E GE Mini-Gard	N No Option	
Long Metaviel	3 3,100 Lumens	G GE Filtr-Gard		
Lens Material	4 4,200 Lumens	H Thomas & Betts Hazlux		
5 Polycarbonate - Diffused	6 5,700 Lumens	K Killark Certilite & Certilite V	Coatings	
7 Tempered Glass - Clear	7 7,300 Lumens	M Appleton Mercmaster II	G Gray (RAL 7040)	
	9 9,000 Lumens	P Holophane Petrolux II and III	G GIAY (NAL 1040)	
Beam Distribution	_	F Ceiling Mount		
A 180°	_	S 45° Stanchion Mount		
B 360°	Controls	T 90° Stanchion Mount (NPT)	Battery	
W Wide	N No Option	U UMA - Mounting Hub	F 90 min.	
		V 0° Wall Mount		
		W 45° Wall Mount		
		D 25° Stanchion Mount		

Notes

- 1) When ordering Beam Distribution \boldsymbol{W} Wide: Lumen Type = 7.
- 2) When ordering Mounting Options "UMA" or "Retro-fit": Hardware Accessories = N.
- 3) When ordering Mounting Option U UMA Mounting Hub HZXW01, HZXW45, HZXS45, HZXT90, HZXFM or HZXCV34 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	ССТ	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
	Ge	n II Battery	Backup - 0	CID2 with R	letro-fit Adapters - Crouse Hi	nds	
ALD-7BC2-7NCN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: Crouse Hin
ALD-5BC2-7NCN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hin
ALD-7BC2-6NCN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: Crouse Hin
ALD-5BC2-6NCN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: Crouse Hin
	Ge	n II Battery	Backup -	CID2 with F	Retro-fit Adapters - GE Filtr-G	ard	
ALD-7BC2-7NGN-NGF	7,300	57	128	CW	Tempered Glass	360°	Retro-fit: GE Filtr-Ga
ALD-5BC2-7NGN-NGF	6,700	57	118	CW	Polycarbonate Diffused	360°	Retro-fit: GE Filtr-Ga
ALD-7BC2-6NGN-NGF	5,700	45	127	CW	Tempered Glass	360°	Retro-fit: GE Filtr-Ga
ALD-5BC2-6NGN-NGF	5,300	45	118	CW	Polycarbonate Diffused	360°	Retro-fit: GE Filtr-Ga

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	ССТ	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

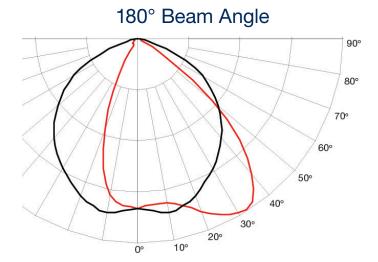
See ordering chart for additional options.

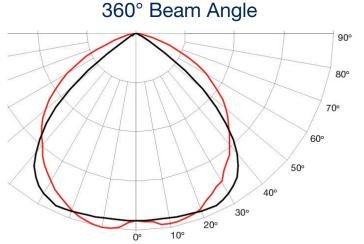
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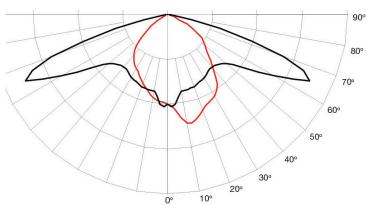
Beam Distribution







Wide Beam Angle



Inrush Current / Circuit Breakers

VAC	120V	277V
lpk (A)	7.7	17.8
T50 (ms)	0.4	0.4

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Lumen Tables

Туре	Lumen Family	Typical Lumens in BB Mode (Ambient 25°C)
	9K	1,600
	7K	1,550
Tempered Glass 360° Optic CW 80 CRI	6K	1,560
CW 60 Chi	4K	1,600
	3K	1,520

Lumens will decrease at temperatures below 0°

Variable	Туре	Mulitiplication Factor
Long	Tempered Glass	100%
Lens	PC Diffused	92%
	360°	100%
Optic	180°	98%
	Wide	81%
CCT (CDI	CW 80 CRI	100%
CCT & CRI	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
- HZXSTAN200T
- 2.00" (2.375" Pole OD) NPT threaded stanchion mount



HZXW3

· 316 stainless steel bracket





• 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
- 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

0.75" NPT Ceiling mount

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Mounting Options

Universal Mounting Adapter





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



Area Lights with Purchased Brackets Factory Installed



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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® HZXTHTB







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Retro-fit Options

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

Eaton's Crouse-Hinds - Champ®

 $\mathsf{GE}\;\mathsf{Lighting}\;\mathsf{Solutions}-\mathsf{Filtr}\text{-}\mathsf{Gard}^{\mathsf{TM}}$

GE Lighting Solutions - Mini-Gard™

Holophane Petrolux® II, III

Thomas & Betts Hazlux®

Appleton® Mercmaster III

Appleton® Mercmaster II

Killark® Certilite® & Certilite® V









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



GE Lighting Solutions – Filtr-Gard™ - HZXTHGE							
Pendant	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
Р		А	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° AngleStanchion	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			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]			

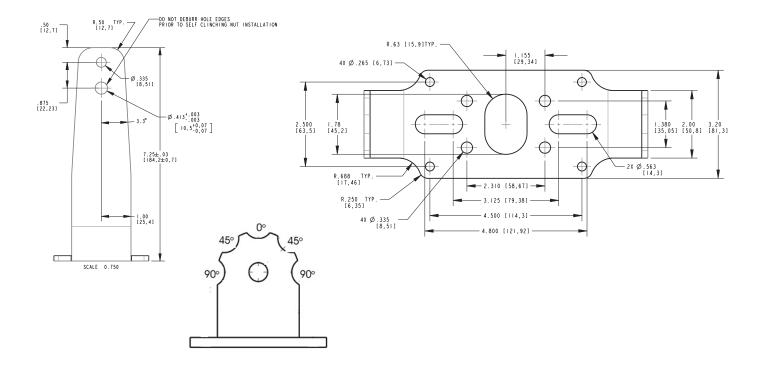
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Dimensional Drawings - Accessories

HZXW3 & HZXW4

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

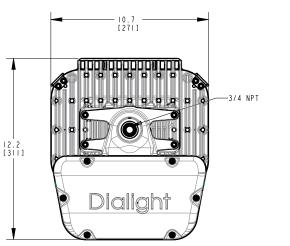


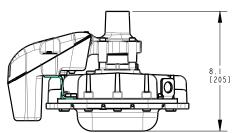
Dimensions in inches [mm]



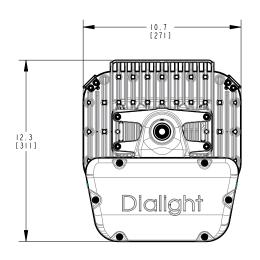
Dimensional Drawings - Area Light

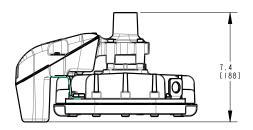
Polycarbonate Lens





Glass Lens



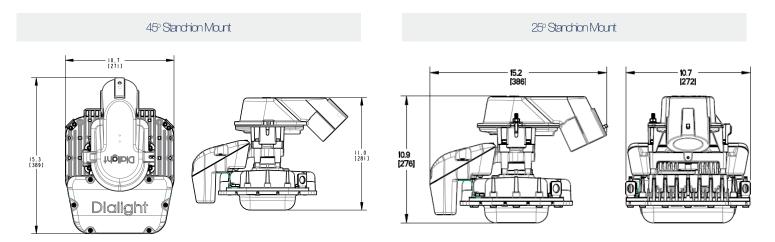


Dimensions in inches [mm]

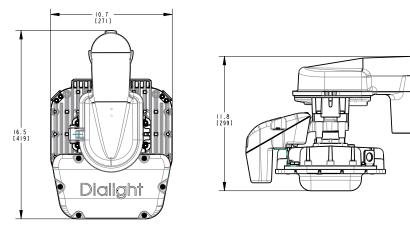
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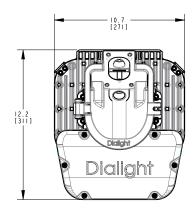
Dimensional Drawings - Universal Mounting Adapter

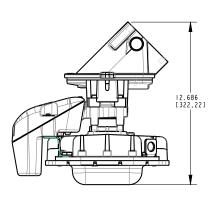


90° Standhion Mount



45° Wall Mount





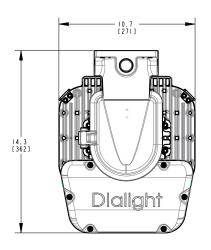
Dimensions in inches [mm]

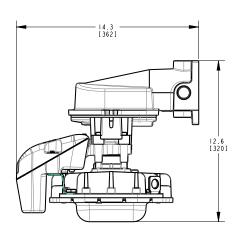
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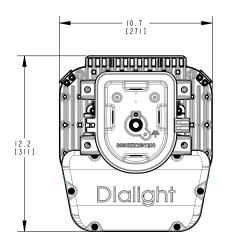
Dimensional Drawings - Universal Mounting Adapter

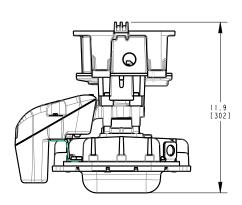
Wall Mount





Ceiling Mount





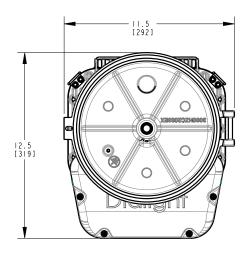
Dimensions in inches [mm]

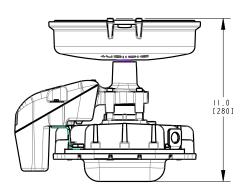
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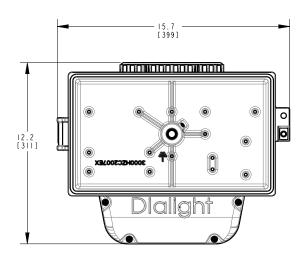
Dimensional Drawings - Retro-fit Kits

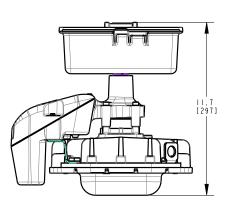
Eaton's Crouse-Hinds - Champ®





GE Lighting Solutions - Filtr-Gard™





Dimensions in inches [mm]

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