

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



Vigilant® LED Area Light

120-277 VAC Battery Backup



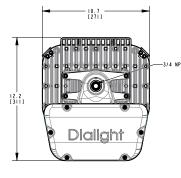
Certifications & Ratings*

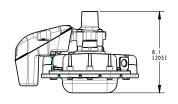
- 10 year warranty
- UL 1598/A
- UL 924
- CSA C22.2 No. 250

*ETL listed

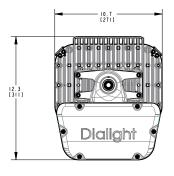
- CSA 22.2 No. 141
- IP66 / 67
- NEMA 4X
- L70 > 150,000h @ 55°C

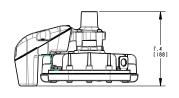
Polycarbonate Lens





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)

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

HZXCV34

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

26 lb (11.7 kg) - Polycarbonate lens 90° stanchion mount: 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:

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

-4°F to +131°F (-20°C to +55°C) Operating temperature:

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

Tempered glass

Photometric Information:

CRI:

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%)



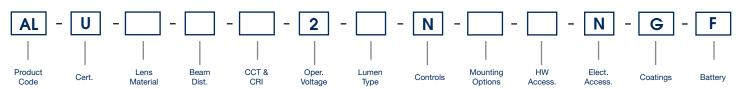
Vigilant® LED Area Light

120-277 VAC Battery Backup



	Project Informati	on	Specifications
Part Number:			
Project:			
Fixture Type:		Date:	

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 (UMA)	A, C, F, G, H, K, M, S, U, V, W, Y (individual wire leads are terminated 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		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		
	6 5,700 Lumens	P Holophane Petrolux II and III	G Gray (RAL 7040)	
Beam Distribution	7 7,300 Lumens	F Ceiling Mount		
A 180°	9 9,000 Lumens			
B 360°		R 90° Stanchion Mount (Slip)	Battery	
W Wide		S 45° Stanchion Mount	F 90 min.	
	Controls	T 90° Stanchion Mount (NPT)	1 30 11111.	
		U UMA - Mounting Hub		
	N No Options	V 0° Wall Mount		
		W 45° Wall Mount		

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.

34mm Conveyor 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 Bat	tery 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 Backı	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
			l		p-fit Adapters - GE Filtr-G		1
ALLI TROS TNON NOT	1		ī	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.

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.



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

See ordering chart for additional options.

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.



SafeSite® LED Area Light

120-277 VAC Model



Certifications & Ratings*

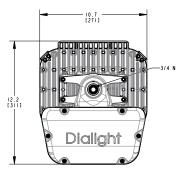
- 10 year warranty
- L70 > 150,000 hours @ 55°C
- UL 844, UL 1598/A
- UI 924
- CSA C22.2 No. 141
- CSA C22.2 No. 250
- CSA C22.2 No. 137
- IP66 / 67
- NEMA 4X

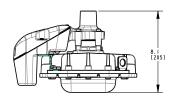
ALD/ALF:

- 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

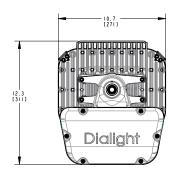
- Class II, Div. 2 Groups F, G
- Zone 22
- Class III, Div. 1 & 2

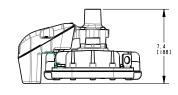
Polycarbonate Lens





Glass Lens





Dimensions in inches [mm]

Mechanical Information:

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

22 lb (10 kg) - Tempered glass lens

10' STOOW/SOOW 18/4 AWG cable

Shipping weight: Add 7 lb (3.2 kg) to weights above

Impact rating: IK10 - Polycarbonate lens

IK07 - Tempered glass lens

Electrical Specifications:

Operating voltage: 120-277 VAC 50/60Hz

Total system power

Cabling:

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)

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













- 10 year warranty
- L70 > 150,000 hours @ 55°C

Certifications & Ratings*

- 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:

Shipping weight:

UMA models: 22 lb (10 kg) - Polycarbonate lens 24 lb (10.9 kg) - Tempered glass lens 25 lb (11.4 kg) - Polycarbonate lens Wall mount models: 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 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

Sagled palvester topage

Sealed polyester topcoatEpoxy 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%)

SafeSite® LED Area Light

120-277 VAC Model



Projec	t Information	Specifications			
Part Number:					
Project:					
Fixture Type:	Date:				
71.					
Ordering Information					
AL	2 -	N	- N - G - F		
Product Lens	Beam CCT & Oper. Lum	nen Mounting HW	Elect.		
Code Cert. Material	Dist. CRI Voltage Typ		Access. 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	_	(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			
Class I Div. 2, Class III, Div. 1,2		C Crouse-Hinds - Champ	Electrical Accessories		
CSA C22.2 No. 137- M81	Lumen Type	E GE Mini-Gard	N No Option		
	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 (I'AL 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			
		Y 34mm Conveyor 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.

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.



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 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	
	Ge	n II Battery	Backup - 0	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-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.

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.

Ordering Information

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



		Gen II B	attery Ba	ckup - CIE	2 - Universal Mounting Ada	pter	
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
LD-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

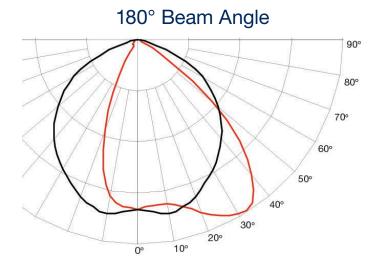
See ordering chart for additional options.

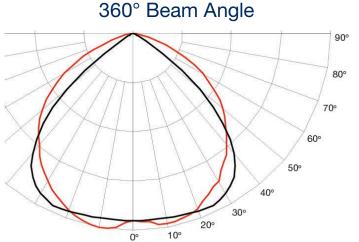
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions 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.



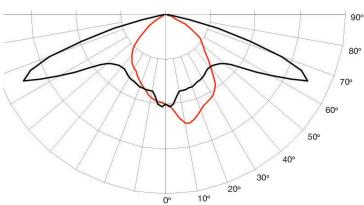
Beam Distribution







Wide Beam Angle



Inrush Current / Circuit Breakers

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

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.



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	
OW 60 ON	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%
OOT & OD!	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 **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
- 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

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.



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



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.



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



GE Filtr-Gard™ HZXTHGE





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









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



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
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	

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 and 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.



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	
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]			

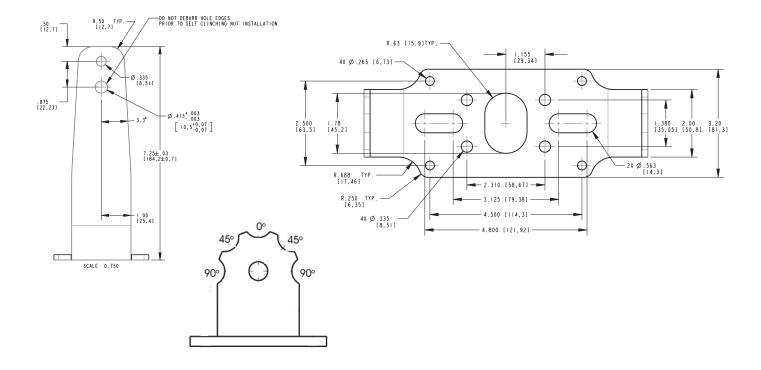
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions 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.



Dimensional Drawings - Accessories

HZXW3 & HZXW4

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

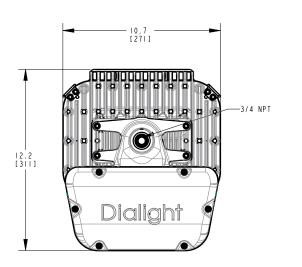


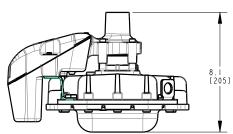
Dimensions in inches [mm]



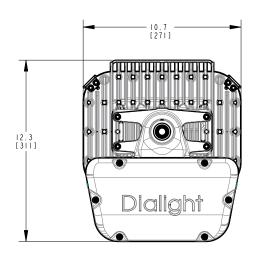
Dimensional Drawings - Area Light

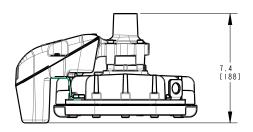
Polycarbonate Lens





Glass Lens





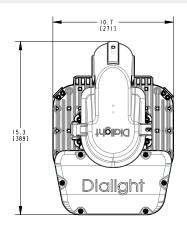
Dimensions in inches [mm]

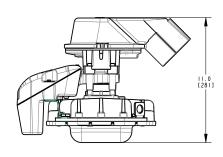
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions 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, vernments 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.



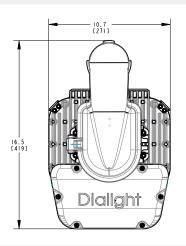
Dimensional Drawings - Universal Mounting Adapter

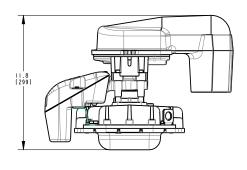
45° Stanchion Mount



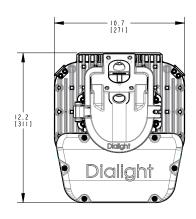


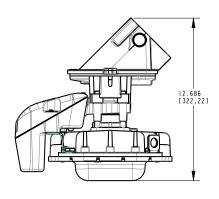
90° Stanchion Mount





45° Wall Mount





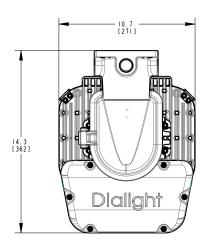
Dimensions in inches [mm]

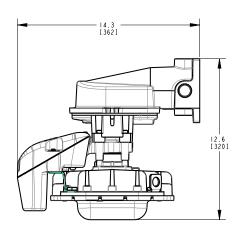
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight arms and conditions 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.



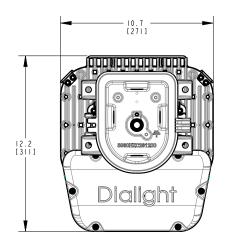
Dimensional Drawings - Universal Mounting Adapter

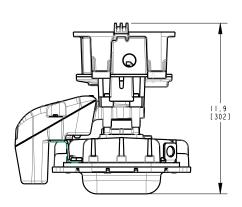
Wall Mount





Ceiling Mount





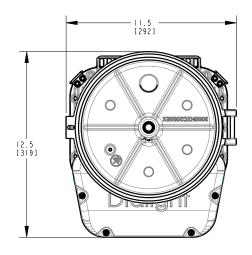
Dimensions in inches [mm]

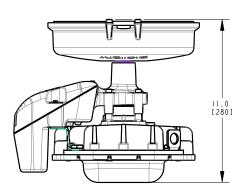
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions 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, vernments 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.



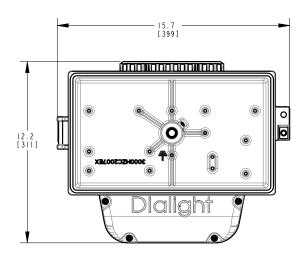
Dimensional Drawings - Retro-fit Kits

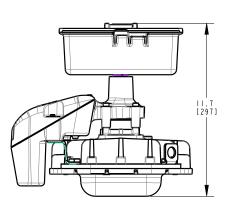
Eaton's Crouse-Hinds - Champ®





GE Lighting Solutions - Filtr-Gard™





Dimensions in inches [mm]

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 arms 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.

North American HQ

1501 Route 34 South Farmingdale, NJ 07727 Tel: 732-919-3119

Fax: 732-751-5778 info@dialight.com

WARNING / DISCLAIMERS:

Installation & secondary retention. The use of this product 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) as applicable. Dialight products are intended for ultimate purchase, installation and operation by knowledgeable persons trained in the functional assessment, installation, use and maintenance of such products and all customers (including but not limited to end customers) are responsible for assessing the suitability of Dialight products for any given installation requirement. 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 as appropriate) and in compliance with all applicable laws and regulations. Product specifications & warranties. All product information provided is, to the best of Dialight, snowledge, accurate as of the date of publication. All values and performance data herein are design or typical values when measured under laboratory conditions. The information herein is subject to change without notice. The products / software detailed herein are subject to applicable warranties and accepts no liability for the installation and/or unauthorised use of its products. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including relevant product data sheets); (b) Dialight there 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 and information provided at www.dialight.co