

ARES Linear



 ALBEO Explosion-proof



Current 



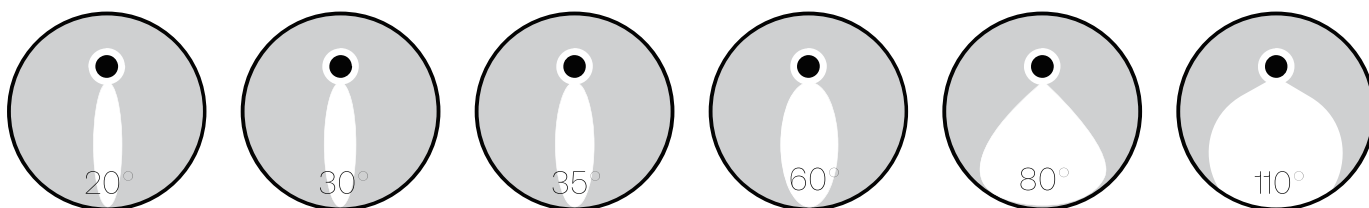
Typical Specifications

Hazardous Environment	Suitable for Zone 1 & 2 Gas Atmospheres		
Ex Marking	Ex II 2G Ex db IIC T6 Gb		
System Power	40W	80W	120W
Lumens	5600 lm Max.	11200 lm Max.	16800 lm Max.
System Efficacy	140 LPW Max.		
CCT	3000/4000K/5000/6500K		
CRI	Ra≥70		
SDCM	≤5		
Beam Angle	20°/30°/35°/60°/80°/110°×100°		
Input Voltage	100-240V		
Power Factor	≥0.9		
THD	<20%		
Surge Protection	L-N 6KV,L/N-G 10KV		
Ripple Current Ratio	≤10%		
Dimming	1-10V/PMW/Triac optional		
Protection	IP66/IK07		
Safety Class	Class I		
Housing Material	Die-casting Aluminum		
Working Temperature	-40~+65°C		
Rated Lifetime	50,000 hrs		
Mounting	Surface/Bracket/Rod/Chain		
Safety Rope	Y		

Dimension

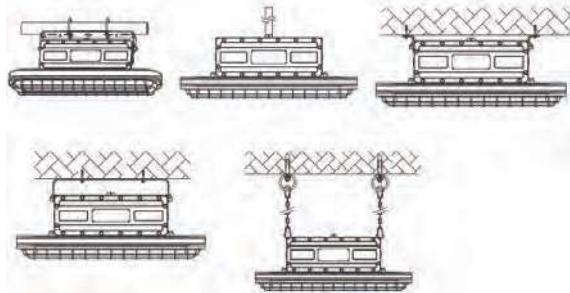
	Model	L	W	H1	H2	N.W.
	XAL40W	649mm	130mm	-	251mm	10.7Kg
	XAL40W with guard	649mm	130mm	266mm	251mm	11.7Kg
	XAL80W	1299mm	130mm	-	250mm	16.7Kg
	XAL80W with guard	1299mm	130mm	266mm	250mm	17.7Kg
	XAL120W	1299mm	130mm	-	250mm	16.7Kg
	XAL120W with guard	1299mm	130mm	266mm	250mm	17.7Kg

Photometric

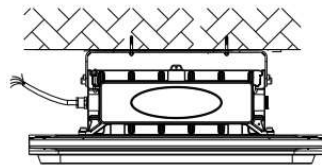




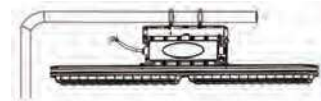
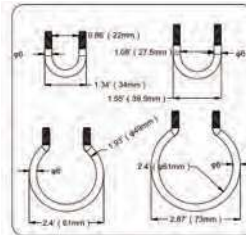
Mounting



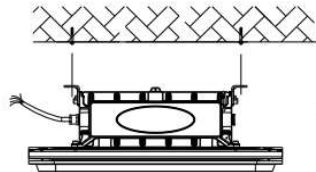
Mounting Accessories



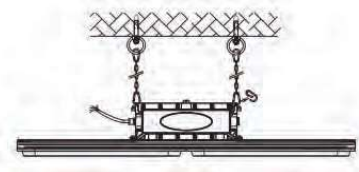
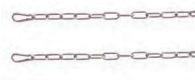
U Bracket Mounting



Pole Mounting



Ceiling Surface Mounting



Hanging Chain Mounting

Wiring

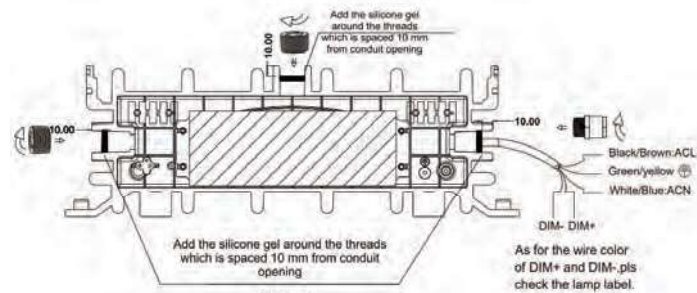


Figure 1

Wiring Accessories



Cable Fixing Joint: Stainless Steel, IP66



Rod: Galvanized steel with paint, M25*1.5 male thread at two ends 30/45/90/180°elbow is optional 30-50cm length IP66



Adaptor: Stainless steel, M25*1.5 male-male or male-female IP66



Flexible Pipe: Stainless steel, M25*1.5 thread male-male or male-female IP66

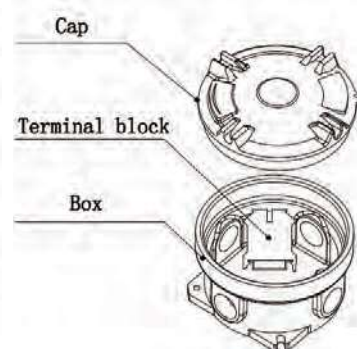
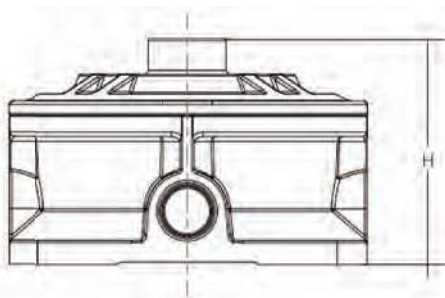
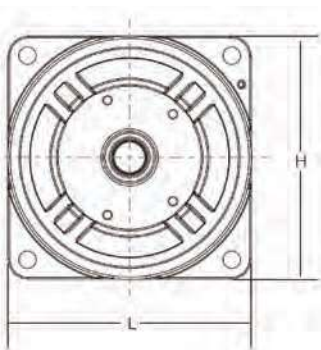


Explosion-proof Junction Box

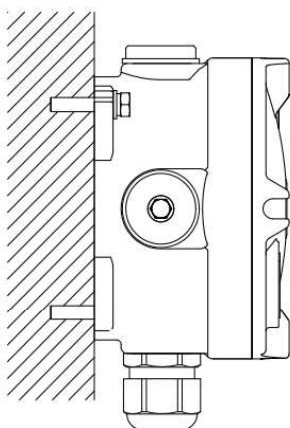
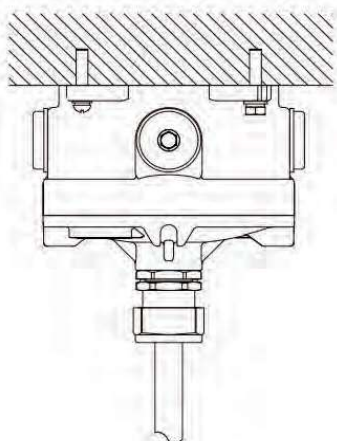


Material: Die-casting Aluminum & stainless steel
Rated Voltage: 600V
Ta: -55 - +55°C
IP66 WF2
Suitable for Zone 1, 2, 21&22, hazardous locations

Dimensions (mm)



Mounting



NO	Entry size	Tighten toque
1	M20x1.5	20Nm
2	NPT 1/2	
3	M25x1.5	30Nm
4	NPT 1/2	



Order Logic

XAL	40W	2FT	80D	7	30	--	AD	B	--
PROD. ID	Power	Size	Beam Angle	CRI	CCT	Color	Dimming	Mounting	Wire Guard
XAL: ARES Linear Explosion-proof	40W	2FT	20D: 20°	7: Ra≥70	30: 3000K	Default: Gray	Default: Non-dimming	B: Bracket	Default: Without Wire Guard
	80W	4FT	30D: 30°	8: Ra≥80	40: 4000K	Y: Yellow	AD: 1-10V Dimming	C: Chain	W: With Wire Guard
	120W		35D: 35°		50: 5000K		TD: Triac Dimming	P: Pole	
			60D: 60°		65: 6500K		PM: PWM Dimming	S: Surface	
			80D: 80°						
			110D:110°*100°						

Order Description

Description	Power	Lumens	Efficacy	CCT	Beam Angle	Dimming	Wire Guard	QTY/CTN
XAL40W2FT20D765B	40W	5600 lm	140 LPW	6500K	20°	N	N	1 pc
XAL40W2FT30D765B	40W	5600 lm	140 LPW	6500K	30°	N	N	1 pc
XAL40W2FT35D765B	40W	5600 lm	140 LPW	6500K	35°	N	N	1 pc
XAL40W2FT60D765B	40W	5400 lm	135 LPW	6500K	60°	N	N	1 pc
XAL40W2FT80D765B	40W	5400 lm	135 LPW	6500K	80°	N	N	1 pc
XAL40W2FT110D765B	40W	5600 lm	140 LPW	6500K	110°*100°	N	N	1 pc
XAL80W4FT20D765B	80W	11200 lm	140 LPW	6500K	20°	N	N	1 pc
XAL80W4FT30D765B	80W	11200 lm	140 LPW	6500K	30°	N	N	1 pc
XAL80W4FT35D765B	80W	11200 lm	140 LPW	6500K	35°	N	N	1 pc
XAL80W4FT60D765B	80W	10800 lm	135 LPW	6500K	60°	N	N	1 pc
XAL80W4FT80D765B	80W	10800 lm	135 LPW	6500K	80°	N	N	1 pc
XAL80W4FT110D765B	80W	11200 lm	140 LPW	6500K	110°*100°	N	N	1 pc
XAL120W4FT20D765B	120W	16800 lm	140 LPW	6500K	20°	N	N	1 pc
XAL120W4FT30D765B	120W	16800 lm	140 LPW	6500K	30°	N	N	1 pc
XAL120W4FT35D765B	120W	16800 lm	140 LPW	6500K	35°	N	N	1 pc
XAL120W4FT60D765B	120W	15600 lm	130 LPW	6500K	60°	N	N	1 pc
XAL120W4FT80D765B	120W	15600 lm	130 LPW	6500K	80°	N	N	1 pc
XAL120W4FT110D765B	120W	16800 lm	140 LPW	6500K	110°*100°	N	N	1 pc

The above is only including a part of product info. Please consult us if any further product info is needed.

ARES Round



ALBEO Explosion-proof





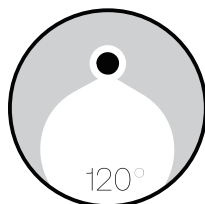
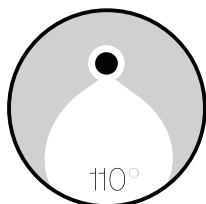
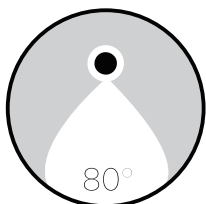
Typical Specifications

Hazadous Environment	Suitalbe for Zone 1 & 2 Gas Atmospheres			
Ex Marking	 II 2G Ex mb e IIB T4 Gb			
System Power	30W	60W	100W	150W
Lumens	4063 lm Max.	7800 lm Max.	14000 lm Max.	22950lm Max.
System Efficacy	140 LPW Max.			
CCT	3000/4000K/5000/6500K			
CRI	Ra≥80			
SDCM	≤5			
Beam Angle	80°/110°/120°		110°/120°	
Input Voltage	110-240V			
Power Factor	≥0.95			
THD	<20%			
Surge Protection	L-N 6KV,L/N-G 10KV			
Ripple Current Ratio	≤10%			
Protection	IP66/IK09			
Safety Class	Class I			
Housing Material	Die-casting Aluminum			
Working Temperature	-40~+55℃			
Rated Lifetime	50,000 hrs			
Mounting	Bracket/Rod/Pole			
Safety Rope	N/A		With	

Dimension

	Power	L	D	H (With Bracket)	H1 (W/O Bracket)	N.W.
	30W	210mm	195mm	148mm	126 mm	3.9Kg
	60W	210mm	195mm	148mm	126 mm	3.9Kg
	100W	351mm	206mm	330mm	159 mm	10.9Kg
	150W	351mm	206mm	330mm	159mm	11.2Kg

Photometric





Glass & Wire Guard Options



Clear glass



Clear striped
spherical glass



Wire guard



U-shaped
glass



U-shaped
wire guard

30W

CL



CG/CW



SG/SW



UG/UW



60W

100W

CG

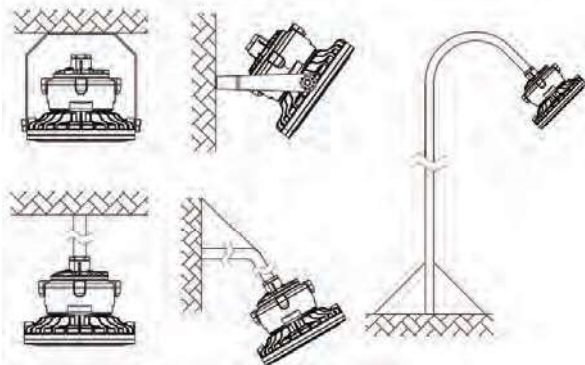


CW



150W

Mounting



Accessories



U Bracket: Galvanized steel with paint



Rod: Galvanized steel with paint, M25*1.5 male thread at two ends 30/45/90/180°elbow is optional 30-50cm length IP66



Adaptor: Stainless steel, M25*1.5 male-male or male-female IP66



Flexible Pipe: Stainless steel, M25*1.5 thread male-male or male-female IP66

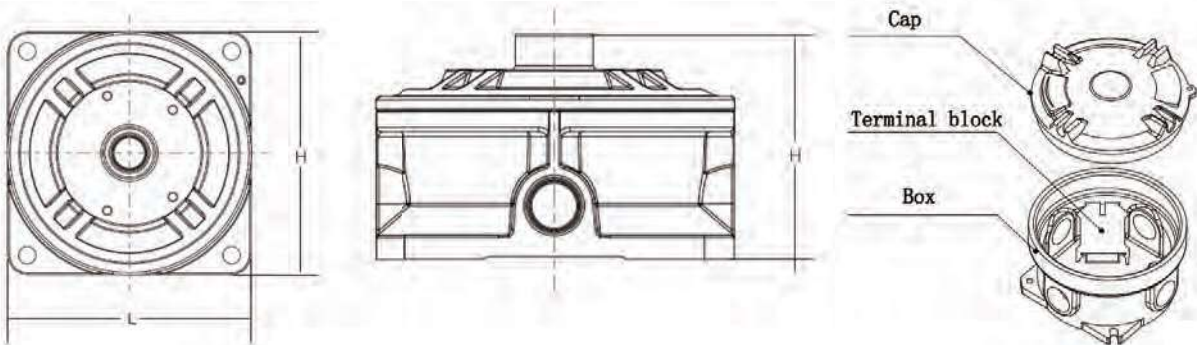


Explosion-proof Junction Box

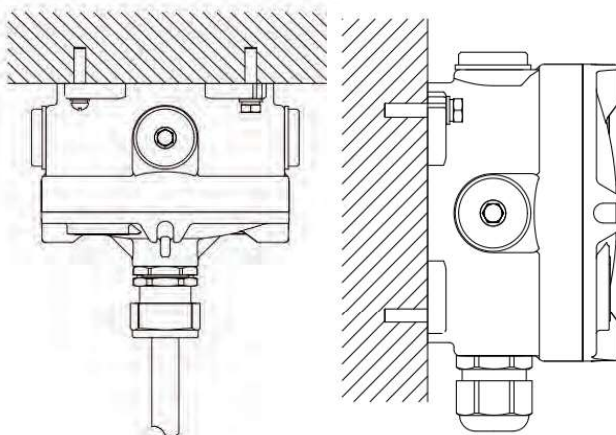


Material: Die-casting Aluminum & stainless steel
Rated Voltage: 600V
Ta: -55 - +55°C
IP66 WF2
Suitable for Zone 1, 2, 21&22, hazardous locations

Dimensions (mm)



Mounting



NO	Entry size	Tighten toque
1	M20x1.5	20Nm
2	NPT 1/2	
3	M25x1.5	30Nm
4	NPT 1/2	



Order Logic

XAR	30W	80D	8	30	G	B	GL
PROD.ID	Power	Optics	CRI	CCT	Color	Mounting	Glass & Wire Guard
XAR ARES Explosion-proof	30W	80D: 80°	7: Ra≥70	30: 3000K	Default:Gray	B: Bracket	CG: Clear Glass
	60W	110D: 110°	8: Ra≥80	40: 4000K	Y:Yellow	R: Rod	CW:Clear Glass With Wire Guard
	100W	120D: 120°		50: 5000K		P: Pole	SG:Clear Striped Spherical Glass
	150W			65: 6500K			SW: Clear Striped Spherical Glass With Wire Guard
							UG: U-shaped Glass
							UW: U-shaped Glass Withwire Guard
							CL: Clear Glass+Lens

Order Description

Description	Power	Lumens	Efficacy	CCT	Beam Angle	Glass	Wire Guard	QTY/CTN
XAR30W110D865BCG	30W	4063 lm	135 LPW	6500K	110°	Clear	W/O	1 pc
XAR30W110D830BCW	30W	3697 lm	123 LPW	6500K	110°	Clear	W	1 pc
XAR30W120D865BSG	30W	3633 lm	122 LPW	6500K	120°	Clear Striped Spherical	W/O	1 pc
XAR30W120D865BSW	30W	3306 lm	111 LPW	6500K	120°	Clear Striped Spherical	W	1 pc
XAR30W120D865BUG	30W	3743 lm	126 LPW	6500K	120°	U-shaped	W/O	1 pc
XAR30W120D865BUW	30W	3406 lm	115 LPW	6500K	120°	U-shaped	W	1 pc
XAR30W80D865BCL	30W	3900 lm	130 LPW	6500K	80°	Clear+Lens	W/O	1 pc
XAR60W110D865BCG	60W	7813 lm	130 LPW	6500K	110°	Clear	W/O	1 pc
XAR60W110D830BCW	60W	7109 lm	118 LPW	6500K	110°	Clear	W	1 pc
XAR60W120D865BSG	60W	7157 lm	119 LPW	6500K	120°	Clear Striped Spherical	W/O	1 pc
XAR60W120D865BSW	60W	6513 lm	108 LPW	6500K	120°	Clear Striped Spherical	W	1 pc
XAR60W120D865BUG	60W	6611 lm	110 LPW	6500K	120°	U-shaped	W/O	1 pc
XAR60W120D865BUW	60W	6016 lm	100 LPW	6500K	120°	U-shaped	W	1 pc
XAR60W80D865BCL	60W	7500 lm	125 LPW	6500K	80°	Clear+Lens	W/O	1 pc
XAR100W110D865BCG	100W	14063 lm	141 LPW	6500K	110°	Clear	W/O	1 pc
XAR100W110D830BCW	100W	12797 lm	128 LPW	6500K	110°	Clear	W	1 pc
XAR100W120D865BSG	100W	13236 lm	133 LPW	6500K	120°	Clear Striped Spherical	W/O	1 pc
XAR100W120D865BSW	100W	12045 lm	121 LPW	6500K	120°	Clear Striped Spherical	W	1 pc
XAR150W110D865BCG	150W	21094 lm	141 LPW	6500K	110°	Clear	W/O	1 pc
XAR150W110D830BCW	150W	19195 lm	128 LPW	6500K	110°	Clear	W	1 pc
XAR150W120D865BSG	150W	19733 lm	132 LPW	6500K	120°	Clear Striped Spherical	W/O	1 pc
XAR150W120D865BSW	150W	17957 lm	120 LPW	6500K	120°	Clear Striped Spherical	W	1 pc

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VELA



ALBEO Explosion-proof



Explosion Proof



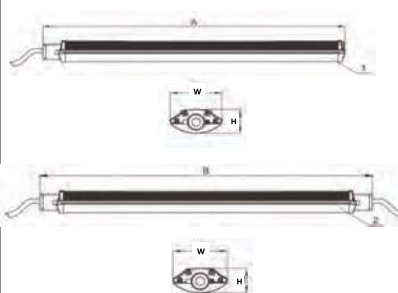
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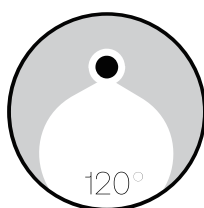
Typical Specifications

Hazardous Environment	Suitable for zone 2, 21 and 22 gas and dust atmospheres	
Ex Marking	 II 3 G Ex ec mb IIC T5 Gc/II 2 D Ex tc IIIC T95°C Dc	
System Power	18W	36W
Lumens	2340 lm	4680 lm
System Efficacy	130 LPW	
CCT	4000K/6500K	
CRI	Ra≥80	
SDCM	≤3	
Beam Angle	120°	
Input Voltage	220-240VAC/18-48VDC	
Power Factor	≥0.95	
THD	≤15%	
Surge Protection	L-N 4KV,L/N-G 6KV	
Ripple Current Ratio	≤5%	
Control	On-off	
Protection	IP66/IK08	
Safety Class	Class I	
Housing Material	Extruded Aluminum	
Working Temperature	-20~+40°C	
Rated Lifetime	50,000hrs	
Mounting	Surface/wall	

Dimension

	Model	A	B	W	H	N.W.
	KEX18W2FT	609mm	-	101mm	48mm	1.7Kg
	KEX18W2FT Through Wiring	-	705mm	101mm	48mm	1.7Kg
	KEX36W4FT	1252mm	-	101mm	48mm	2.6Kg
	KEX36W4FT Through Wiring	-	1287mm	101mm	48mm	2.6Kg

Photometric





Order Logic

KEX	18W	V	2FT	7	30	S
PROD. ID	Power	Voltage	Size	CRI	CCT	Wiring
KEX: VELA Linear Explosion-proof	18W	V: 220V	2FT	8: Ra≥80	40: 4000K	S: Single-end
	36W	U: 220VAC/DC18-48VDC	4FT		65: 6500K	T: Through Wiring

Order Description

Description	Power	Voltage	Lumens	Efficacy	CCT	Wiring	QTY/CTN
KEX18WV2FT740S	18W	220V	2340 lm	130 LPW	4000K	Single	1 pc
KEX36WV4FT740S	36W	220V	4680 lm	130 LPW	4000K	Single	1 pc
KEX18WV2FT765S	18W	220V	2340 lm	130 LPW	6500K	Single	1 pc
KEX36WV4FT765S	36W	220V	4680 lm	130 LPW	6500K	Single	1 pc
KEX18WV2FT740T	18W	220V	2340 lm	130 LPW	4000K	Through	1 pc
KEX36WV4FT740T	36W	220V	4680 lm	130 LPW	4000K	Through	1 pc
KEX18WV2FT765T	18W	220V	2340 lm	130 LPW	6500K	Through	1 pc
KEX36WV4FT765T	36W	220V	4680 lm	130 LPW	6500K	Through	1 pc

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HID Retrofit Lamp



 ALBEO Explosion-proof





ALBEO Explosion-proof



HID Retrofit Lamps

Approved for Hazardous Locations

A Smarter, Safer Switch From HID



**RATED FOR CLASS 1,
DIVISION 2
GROUPS A, B, C, D**

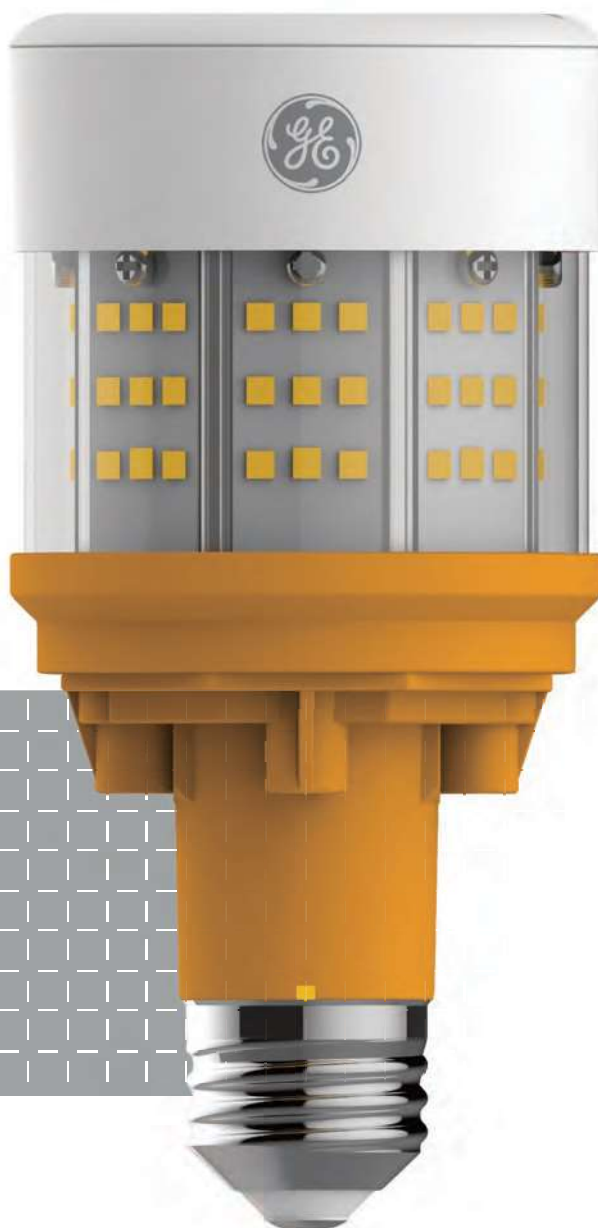


**INDUSTRY-LEADING
LUMEN OUTPUT IN
COMPACT FORM**



**UL-CERTIFIED
FIXTURES***

GE Lighting Filtr-Gard® H2 Series
Crouse-Hinds Champ® VMV
Appleton Mercmaster™ II
Appleton Mercmaster™ III
Hubbell Killark® VM Series
Holophane Petrolux® P3M
Holophane Petrolux® II PETL
Thomas & Betts Hazlux® 3 Series



AVAILABLE ONLY IN TYPE B



50,000-hour rated life
2.5x longer life than HID



50% less energy usage
with similar light output -
up to 23,500 lumens



**E39 socket adapter
included with
E26 base lamps**



**High maximum
temperature ratings**
21W: 65°C | 35W: 55°C
45W: 45°C | 80W: 55°C
150W: 40°C
Minimum starting
temperature: -20°C

**For use at drilling rigs, petrochemical facilities, food and beverage facilities
and other heavy-industry areas**

*Suitable luminaire fittings may vary. Contact your Current representative or check installation guide for details.

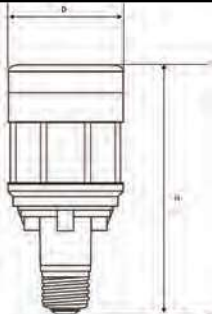
Current



Typical Specifications

Hazadous Locations	Rated for Class 1, Division 2, Groups A,B,C,D				
Certification	cUL				
Type	LED Replacement Lamps for HID - Ballast Bypass (Type B) - Hazardous Locations				
Bulb Shape	ED17		ED23.5		ED28
Base Type	E26/EX39		E26/EX39		EX39
System Power	21W	35W	45W	80W	150W
Lumens	3000 lm	5000 lm	6000 lm	12000 lm	23500 lm
System Efficacy	143 LPW	143 LPW	133 LPW	150 LPW	157 LPW
CCT	3000K/4000K/5000K				
CRI	Ra>70				
Input Voltage	120-277V		120-277V/277-480V		277-480V
Location Rating			Damp		
Temperature Code	T4A		T4		
Working Temperature			-20~+65°C		
Rated Lifetime			50,000 hrs		
Replacement	50W HPS / 70W MH	70W HPS / 100W MH	100W HPS / 100W MH	150W HPS / 250W MH	310W HPS / 400W MH

Dimension

	Bulb Shape	D	H	N.W.
	ED17	66 mm	137 mm	0.3 Kg
	ED23.5	94 mm	198 mm	0.9 Kg
	ED28	104 mm	211 mm	1.1 Kg



Order Logic

LED	21W	ED17	7	30	HAZ
PROD. ID	Power	Bulb Shape	CRI	CCT	Version
LED: LED Retrofit Lamps	21: 21W	ED17	7: Ra≥70	30: 3000K	HAZ: Hazardous Locations
	35: 35W	ED23.5		40: 4000K	
	45: 45W	ED28		50: 5000K	
	80: 80W				
	150: 150W				

Order Description

Description	Bulb Shape	Base Type	Power	Voltage	Lumens	CCT	QTY/CTN
LED21ED17/730/HAZ	 ED17	E26/EX39	21W	120-277V	3000 lm	3000K	3 pcs
LED21ED17/740/HAZ		E26/EX39	21W	120-277V	3000 lm	4000K	3 pcs
LED21ED17/750/HAZ		E26/EX39	21W	120-277V	3000 lm	5000K	3 pcs
LED35ED17/730/HAZ		E26/EX39	35W	120-277V	5000 lm	3000K	3 pcs
LED35ED17/740/HAZ		E26/EX39	35W	120-277V	5000 lm	4000K	3 pcs
LED35ED17/750/HAZ		E26/EX39	35W	120-277V	5000 lm	5000K	3 pcs
LED45ED17/730/HAZ		E26/EX39	45W	120-277V	6000 lm	3000K	3 pcs
LED45ED17/740/HAZ		E26/EX39	45W	120-277V	6000 lm	4000K	3 pcs
LED45ED17/750/HAZ		E26/EX39	45W	120-277V	6000 lm	5000K	3 pcs
LED80ED23.5/740/HAZ	 ED23.5	E26/EX39	80W	120-277V	12000 lm	4000K	3 pcs
LED80ED23.5/750/HAZ		E26/EX39	80W	120-277V	12000 lm	5000K	3 pcs
LED80ED23.5/740/277/480/HAZ		EX39	80W	277-480V	12000 lm	4000K	3 pcs
LED80ED23.5/750/277/480/HAZ		EX39	80W	277-480V	12000 lm	5000K	3 pcs
LED150ED28/740/HAZ	 ED28	EX39	150W	277-480V	23500 lm	4000K	3 pcs
LED150ED28/750/HAZ		EX39	150W	277-480V	23500 lm	5000K	3 pcs
LED150ED28/740/277/480/HAZ		EX39	150W	277-480V	23500 lm	4000K	3 pcs
LED150ED28/750/277/480/HAZ		EX39	150W	277-480V	23500 lm	5000K	3 pcs

The above is only including a part of product info. Please consult us if any further product info is needed.