

Applications:

Suitable for commercial, industrial facilities, oil, gas, painting facilities, manufacturing, and auto service facilities.

Ceiling Mount



Wall Mounts

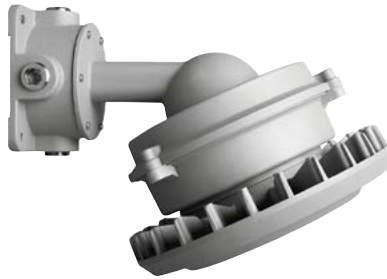


90° Wall Mount

Flood



Adjustable Yoke



25° Wall Mount

Stanchion Mounts



25° Stanchion Mount



90° Stanchion Mount

The Jemm EPLP Class 1, Division 2 Explosion Proof Hazardous Location Luminaire is available with a clear tempered glass lens. Typical lighting applications include industrial facilities, oil, gas, painting facilities, manufacturing, and auto service facilities.

Specifications and Features:

- Heavy-Duty Die Cast Aluminum Housing
- ETL Listed for Hazardous Locations Per UL844 as Follows: Class 1, Division 2 Groups A, B, C, D; T4 Temperature Rating, -25°C to +50°C Ambient. Suitable for Wet Locations, Sealed LED Compartment
- Powdercoat Finish Over a Chromate Conversion Coating.
- Clear Tempered Glass Lens
- Mountings Include Pendant (Conduit by Others), Ceiling Mount Box, 25° and 90° Wall Mount with Box, 25° and 90° Stanchions, and Adjustable Yoke. Yoke Mount Includes 3' 16/3 SJOOW Cord and Rated Connector. Rated for 6 #12 AWG 90°C for Through Wiring. Mounts Shipped Separately, Field Installed.
- Aluminum Boards
- Array: 56.7w, System: 64w
- Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.
- 5-Year Warranty

Pendant Mount



**Class 1, Division 2
Groups A, B, C, D
T4 Temperature
Rating**



1/2" Pendant Hub

ORDERING GUIDE

Example: HB6140U5KB

EPLP15	F	57	U		C	G	Y	
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mount	Options
EPLP15= Hazardous Location Explosion Proof Luminaire	F=Wide	57=57w	U=120-277V	4K=4000K 5K=5000K	C=Clear Tempered Glass Lens	G=Gray	Y=Adjustable Yoke W90=90° Wall Mount W25=25° Wall Mount S25=25° Stanchion S90=90° Stanchion P=Pendant Mount (Conduit by Others)	SP=Surge Protection

Specifications subject to change without notice.



Hazardous Location Explosion Proof Luminaire Series EPLP

Pendant Mount

Dimensions

Height 1 (A)	
Height 2 (B)	
Diameter 1 (C)	
Diameter 2 (D)	8½" (217mm)

½" Pendant Hub

Stanchion Mounts

25° Stanchion

Shown with Adjustable Yoke

Dimensions

Height 1 (A)	8½" (216mm)
Length (B)	13½" (343mm)
Width (C)	10½" (265mm)

90° Stanchion

Dimensions

Height 1 (A)	7¼" (186mm)
Length (B)	13¼" (338mm)
Width (C)	10½" (265mm)

Wall Mounts

25° Wall Mount

Dimensions

Height 1 (A)	10" (256mm)
Height 2 (B)	5½" (140mm)
Length (C)	13¾" (352mm)
Width (D)	10½" (265mm)

90° Wall Mount

Dimensions

Height 1 (A)	9¾" (246mm)
Height 2 (B)	5½" (140mm)
Length (C)	13¼" (336mm)
Width (D)	10½" (265mm)

Flood

Dimensions

Height (A)	10½" (265mm)
Width (B)	2" (50mm)
Length 1 (C)	7¼" (184mm)
Length 2 (D)	5" (126mm)

Ceiling Mount

Dimensions

Height (A)	7¼" (194mm)
Diameter (B)	10½" (265mm)

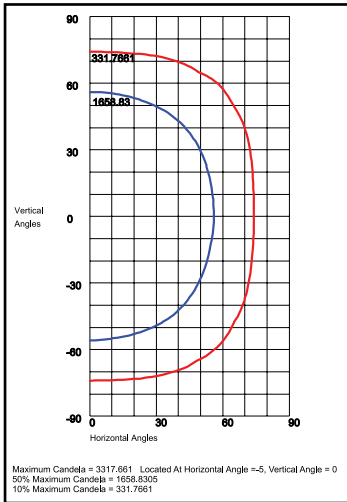
¾" Entrance Plugs

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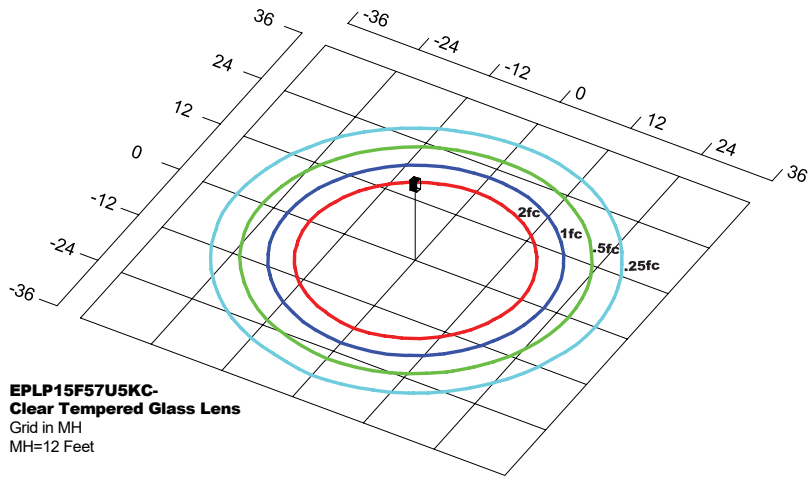


Hazardous Location Explosion Proof Luminaire Series EPLP

Photometric Data



EPLP15F57U5KC-
Clear Tempered Glass Lens



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI		4000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW
EasyLED 57w (Clear Lens)	175	64	F 110°H x 110°V, NEMA 7H x 7V	8,957	140	8,599	135

Projected Lumen Maintenance

Data shown for 5000 CCT		Compare to MH					
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	64	1.00	0.96	0.92	0.84	183,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 50°C / 104°F	64	1.00	0.93	0.86	0.71	105,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F	64	1.00	0.94	0.88	0.75	81,000	

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 175mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

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