

# CPS LED LIGHTING

## Applications:

Warehouses  
Hazardous Locations  
Mining Facilities  
Combustible Areas  
Construction Zones

## HighBay Flood Light Explosion Proof



The Explosion-Proof Linear is built to withstand critical environments, providing reliable lighting in environments where volatile liquids, gases, and vapors are present. With a consistent output, high waterproof rating, and resistant design, this fixture is perfect for the toughest of jobs.

## ORDER INFORMATION

SERIES	WATTAGE (W)
CPS-HBFL-EXP-	60W
CPS-HBFL-EXP-	80W
CPS-HBFL-EXP-	100W
<b>EXAMPLE: CPS-HBFL-EXP-100W</b>	
DLC Model# CPS-HBFL-EXP-100W	

## SPECIFICATIONS

Built for critical environments where volatile flammable liquids/gasses/vapors

Safe to use in class 1, DIV 2 locations

Vibration-resistant die cast housing and tempered glass lens to protect

Motion sensor, photocell, and control options available

No toxic chemicals/RoHS compliant

70%-80% energy savings compared to HPS/MH

Highest ingress protection rating: IP67

Tempered glass >95% light transmit

Aluminum PCB, heat transmit 2.5

Anti-dust, waterproof

Anti-corrosion can be done



**CPS LED LIGHTING**

843-407-6803

SALES@CPSLED.COM

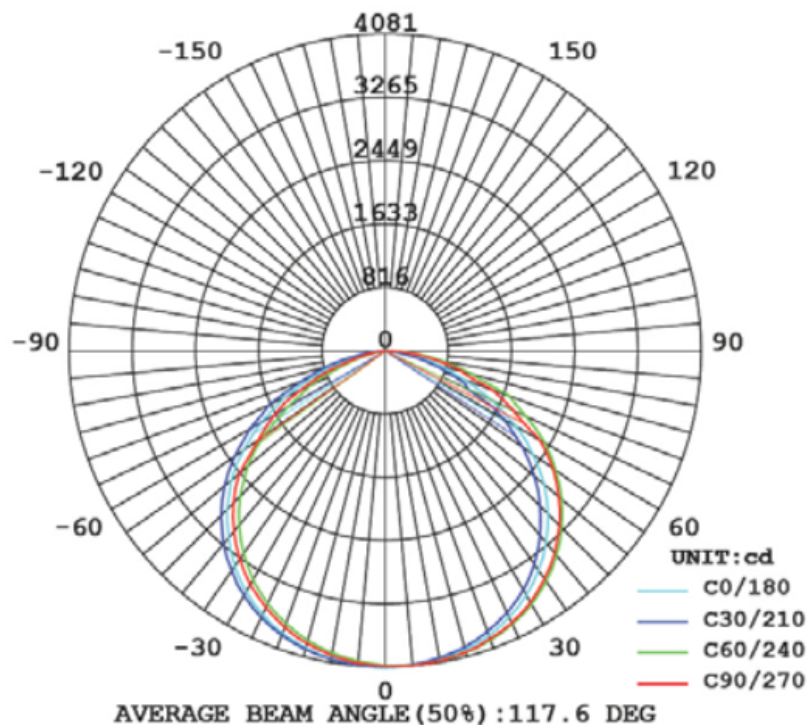
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## TECHNICAL CHARACTERISTICS

Color temperature	5500K-6000K
Input voltage	AC100-277 50/60Hz
Lumen current	350mA
Lumens	6900-11500 LM
Lumen efficiency	115 LM/W
Waterproof rating	IP67
CRI	>73
PFC	>0.9
Viewing angle	60°x 30° (RF)/120° x 120°
THD	<15%
Driver	Meanwell
Surge protection	IEC/EN 61000-4-5
Certification	ATEX, UL844, DLC, UL
Operating temperature	-40°F to 118°F
Application	Outdoor
L70 Life	Projected 100,000 hours
Warranty	7 years

### Photometric:



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## MATERIALS

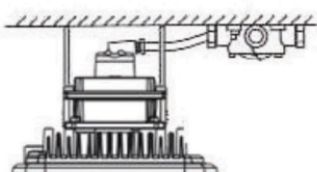
Housing	Vibration-resistant Die Cast Aluminum ADC12
Housing Color	Yellow (Standard), other options available
Lens	High Transmittance Tempered Glass
Mounting	U-Bracket Ceiling & Wall, Pole mount, pendant mount, Wall mount

## PACKAGING

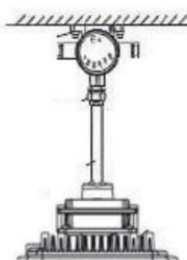
SERIES	PRODUCT SIZE	PACKAGING SIZE	QTY/CARTON	NET WEIGHT (LBS)
CPS-HBFL-EXP	11.81*11.81*6.88	14.56*14.56*9.44	1 PC	18.73

### Mounting Examples

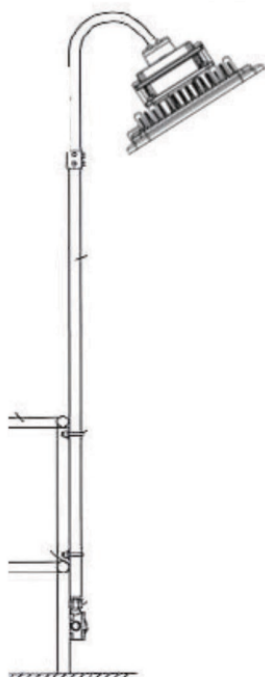
U-Bracket Ceiling Mount



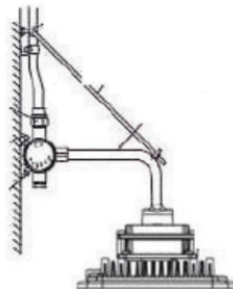
Pendant Mount



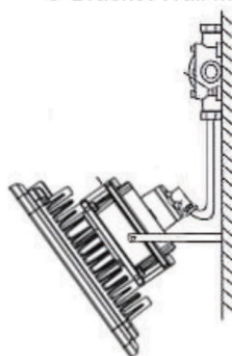
Pole Mount



Wall Mount



U-Bracket Wall Mount



### MOUNTING

CPS-HBFL-EXP offers several mounting options including ceiling, pole, pendant, and wall mounting. Ceiling and wall applications are mounted using the adjustable swivel mount bracket included with the unit. Pendant and pole mounting applications are mounted from the ceiling or railing and are suspended by a rigid pipe via the 3/4" NPT hub on the back of the fixture. Wiring is fed through rigid pipe to the junction box and tied to the fixture's power wires.



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