

# Explosion Proof LED Light



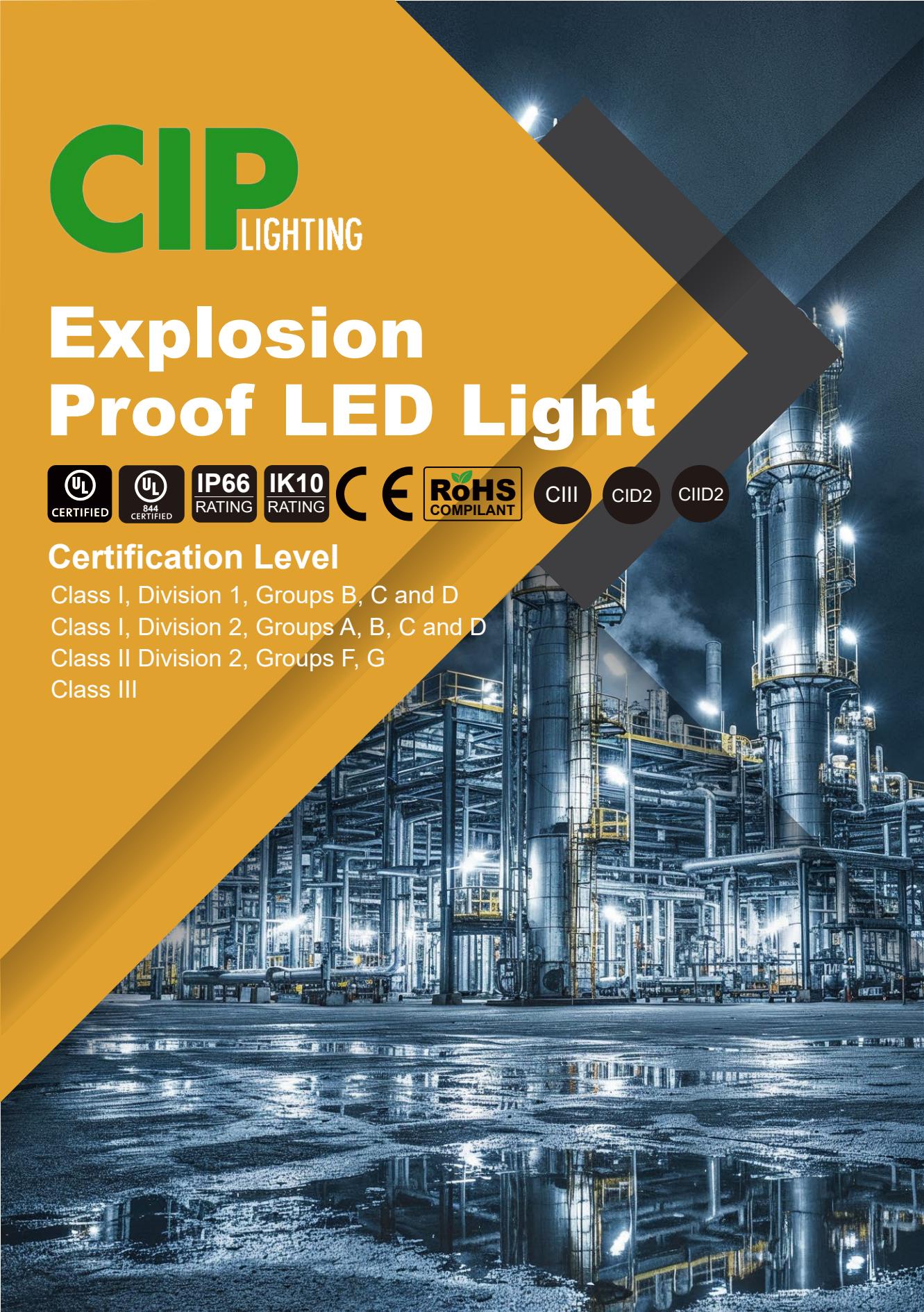
## Certification Level

Class I, Division 1, Groups B, C and D

Class I, Division 2, Groups A, B, C and D

Class II Division 2, Groups F, G

Class III





## CIP DIFFERENCE

### Advanced LED & Optical Design

High-efficiency LEDs deliver bright, uniform, and low-glare illumination — exactly where it's needed, improving both visibility and safety.

### Ready for Extreme Conditions

Certified for hazardous and industrial environments, our lights are backed by a 5-year warranty and engineered to perform reliably under the toughest conditions.

### Engineered Power Supply

Long-life, fully potted drivers provide superior thermal management and protection against dust, moisture, and vibration ensuring consistent performance in harsh environments.

**ALT (Accelerated Life Test):** Over 5 years of continuous 24/7 operation.

**MTBF (Mean Time Between Failures):** Exceeding 150,000 hours, with an annual failure rate under 0.3%.

**Driver:** Fully sealed and thermally protected for maximum reliability.

### Durable, Low-Maintenance Design

Each fixture is fully sealed and engineered to minimize maintenance throughout its lifetime.

Easy to install and retrofit, our luminaires ensure long-term reliability with minimal downtime.

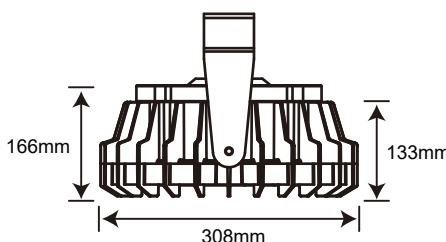
# Explosion Proof Light EPS Series



Model	EPS-20W	EPS-40W	EPS-50W	EPS-60W	EPS-70W	EPS-80W
Power	20W	40W	50W	60W	70W	80W
Lumen	3000 lm	6000 lm	7500 lm	9000 lm	10500 lm	12000 lm
Size	φ 308mm*166mm					
Lumen Efficacy	150lm/w					
Input Voltage	100–277VAC / 200–480VAC					
Rating	IP 66, IK10					
Certification	Class I Division 2, Groups A, B, C and D; Class II Division 2, Groups F, G, Class III					
Beam Angle	25° / 60° / 90° / 110°					
CRI	70 or 80					
Warranty	5 Years					

## FEATURES & DIMENSION

- IP66 & IK10 rated for harsh environments
- Explosion-proof structure, suitable for hazardous location
- Long lifespan >100,000 hours
- Multiple mounting options for flexible installation: Pendant / Yoke / Ceiling / Stanchion / Wall / Pole
- Emergency: For 90 minutes



# Explosion Proof Light EPD Series



Model	EPD-100W	EPD-120W	EPD-130W	EPD-140W	EPD-160W	EPD-180W	EPD-200W
<b>Power</b>	100W	120W	130W	150W	160W	180W	200W
<b>Lumen</b>	15000 lm	18000 lm	19500 lm	22500 lm	24000 lm	27000 lm	30000 lm
<b>Size</b>	φ 358mm*157.4mm						
<b>Lumen Efficacy</b>	150lm/w						
<b>Input Voltage</b>	100~277VAC / 200~480VAC						
<b>Rating</b>	IP 66, IK10						
<b>Certification</b>	Class I Division 2, Groups A, B, C and D; Class II Division 2, Groups F, G, Class III						
<b>Beam Angle</b>	25° / 60° / 90° / 110°						
<b>CRI</b>	70 or 80						
<b>Warranty</b>	5 Years						

## FEATURES & DIMENSION

- IP66 & IK10 rated for harsh environments
- Explosion-proof structure, suitable for hazardous location
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