



Explosion Proof LED Light

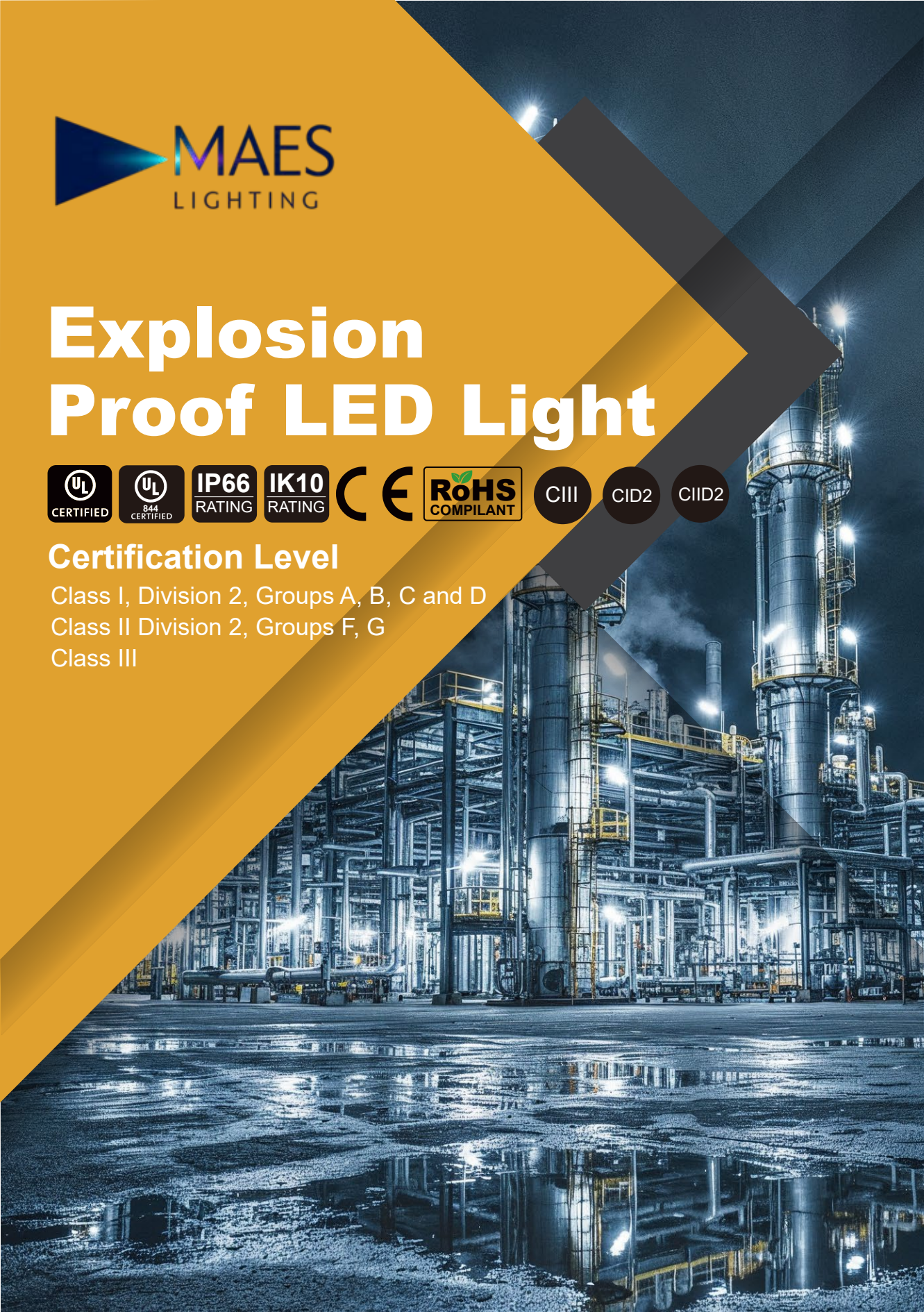


Certification Level

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

Class II Division 2, Groups F, G

Class III





Maes 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.

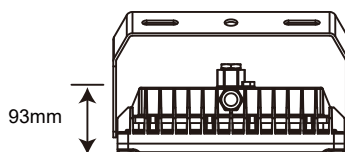
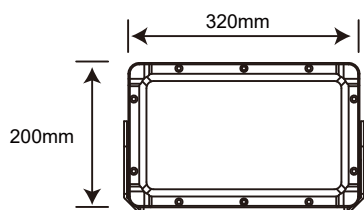
Explosion Proof Light FFS Series



Model	FFS-20W	FFS-40W	FFS-50W	FFS-60W	FFS-70W	FFS-80W
Power	20W	40W	50W	60W	70W	80W
Lumen	3000 lm	6000 lm	7500 lm	9000 lm	10500 lm	12000 lm
Size	320mm*200mm*93mm					
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 FFD Series



Model	FFD-100W	FFD-120W	FFD-130W	FFD-150W	FFD-160W	FFD-180W	FFD-200W
Power	100W	120W	130W	150W	160W	180W	200W
Lumen	15000 lm	18000 lm	19500 lm	22500 lm	24000 lm	27000 lm	30000 lm
Size	390mm*288mm*142.4mm						
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						
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