



GH

FLAMEPROOF LIGHT

GH-FLP-COB

GH Flame proof Luminaries are mostly used in hazardous lighting areas such as petrochemical facilities, oil refineries, underground tunnels etc. this luminaries can be installed in various zones as zone 1 and zone 2 (Gas) - zone 21,22 (Dust) and are ideal for use in area of highly corrosive area.

Applications-

Hazardous Areas Lighting

*Certifications- CIMFR & PESO, Zones IA, IIB

Product Data

General information

Beam Angle of LED	120 °
Color Temperature	6500 K
Driver included	YES
Luminaire Optic Angle	60 Degree
Luminaire Optic Glass	Borosilicate 3.3 Anti Corrosive
Luminaire Wall Thickness	04 mm Minimum.
Protection Class	Zone IA, IIB
Warranty period	2/5 YEARS
Material	ADC 12
Light source engine type	Bridgelux, Gen 8 VERO

Operating and Electrical

Input Voltage	100 to 305 V AC, Class I
Input Frequency	50 Hz
Power Factor (Min)	0.95

Controls and dimming

Dimmable	No
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Over time performance (IEC compliant)

Median useful life L70B50	50000 Hrs.
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Application conditions

Ambient temperature range	00 to +65 °C
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Mechanical and Housing

Housing Material Grade	Aluminium Alloy Cast LM 6
Ingress Protection 66	IP 66
Temperatures Class	T6 Class
Mounting Device	Eye-Bolt
Mounting Handle	Included
Powder Coat	Epoxy Coat

Approval and Surge

Ingress protection code	IP66[Dust penetration-protected, jet-proof]
Surge Protection(Common/Differential)	Surge protection level until 6 kV
External surge protection available	10 KV

Initial performance

Initial LED Luminaire efficacy	130 Lm/W
CCT	3000-6500K
COB Operating Wattage	75 % of rated wattage
Color rendering Index	>80
Initial input power	40-150 Watt
Power consumption tolerance	+/-3%

Product Packing

Order product name	GH-FLP-COB
Numerator - Quantity per Pack-	01 nos.