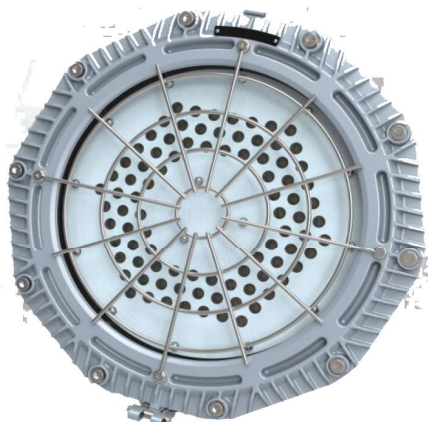


EXPLO Frog Series



EXPLOSION PROOF SERIES



PRODUCT OVERVIEW

The **AL TSA Frog** features high efficiency chipsets with a lifespan of up to 70 000hrs and can be widely used in oil & gas exploration, drilling, petrochemical plants, power plants, and pharmaceutical plants as fixed lighting. With a THD of less than 10%, build in surge protection, robust aluminium housing and tempered glass lens, the Altsa Frog is shock and vibration resistant.

The **AL TSA Frog** is suitable for explosive gas environments: Group II. Can be used in Zone 1, Zone 2, Zone 21 and Zone 22 hazardous areas

Quality comes standard...



Hours
LIFESPAN



IP66
Outdoor



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS	CONSTRUCTION DETAILS
Indoors and Outdoors	Robust Aluminium
Industrial Areas	Anti-Corrosion, abrasion proof
Petrochemical Plants	Toughened Safety Glass Lens
Oil Refineries	Mounting Brackets and 304 S/Steel
Offshore Oil Rigs	
FEATURES	
II2 G Ex db eb IIB T6 or T5 Gb	Over Voltage/Over Current Protection
II2 D Ex tb IIIC T80°C or T95°C Db	Power Factor >0.98
EN 60079-0:2018	Impact Rating IK08
EN 60079-1:2014	Chemical Resistant (Sulphur)
EN 60079-7:2015	IP66
EN 60079-31:2014	

Frog Series

TECHNICAL DATA

Operating Voltage	100-277VAC / 141-392VDC
Power (Normal)	120W
Surge Protection	5kV
CRI:	70
Colour Temp.	6000
Warranty	5-Year
Luminaire Efficacy	130lm/W
Lifespan	70 000hrs
Frequency:	50/60Hz
Power Factor:	>0.98
THD:	10%
Insulation Class:	Class 1

MECHANICAL DATA

Weight:	14.25Kg
Size:	426*410*187mm
Ambient Temperature:	-40°C ~ +55°C
Connecting Terminals:	3 * 1.0-4mm ² (L +N+P E)
Cable outer diameter:	Inner Sheath:cp6.5-cp13.9(mm); Outer Sheath:cp12.5-cp20.9(mm)
Cable Entries:	1XM20*1.5
Earthing Protection:	M4 (Internal & external earth bolts)
IP Rating	IP66
Enclosure Material	Die-casting Aluminium alloy
Enclosure Colour	Grey RAL7040
Coating	Epoxy powder coating
Exposed Fastener	Stainless steel

ORDERING INFORMATION

SF	XX	XX	XXX	XX	XXX
Product Family	Size	Power	Voltage	CCT	Control
	220mm (06)	120 (120) 150 (150)	100-277VAC (230) 24-48VAC/DC (048) 10-30VDC (030)	6000 (06)	Standard (STD)

