

AL TSA Arion Ex Canopy



EXPLOSION PROOF SERIES



PRODUCT OVERVIEW



The **AL TSA ARION EX** is designed for spaces with high aesthetic appeal & Industrial Enviroments and is perfectly suitable for Zone 1&2,21&22 Enviroments.The Ex Canopy is efficient with crisp white Light output, Offering high efficiency drivers and LED Chipsets. With an Isolated LED & Driver compartment allows with reducing High temperatures, The Luminaire provides low operational costs in Hard and heavy Industrial Applications.

Offering multiple beam angles with Exceptional high performance, high quality and energy efficiency. The Arion Ex Luminaire is Versatile with Universal Applications that can be used as A Bulkhead/Floodlight & Highbay

Quality comes standard...



Hours
LIFESPAN



IP66
WEATHERPROOF



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Oil & Gas Industries

Pharmaceutical Industries

Waste and Sewage Facilities

Chemical, Petrochemical

Pulp and Paper

Power Generation

FEATURES

Zone 1&2

Tempreture Reduction

Zone 21&22

Ex-Proof Design

Multiple Beam Angles

Energy Efficient

Isolated LED Compartment

Low Glare Rate

CONSTRUCTION

Die Cast Aluminium Housing

Tempered Glass


Silicone Rubber Gasket

IP66 Ingress Protection

Arion Ex

TECHNICAL DATA

SPECIFICATIONS

Rated Voltage (V):	AC100-240V	Luminaire Efficacy(lm/W):	120(lm/W)
Frequency (Hz):	50/60Hz		130(lm/W)
Power Consumption (W):	50W - 240W		
Correlated color Temp (CCT):	5500K - 6000K	Unified Glare Index(UGR):	UGR22 (Standard)
Colour Rendering (CRI):	70 (±2)		L90 B10 50 000hrs
Total Harmonic Distortions (THD):	<20%	L&B Rating:	L70 B10 100 000hrs
Power Factor (PF):	>0.95	Impact Resistant(IK):	IK08 (Standard)
Electrical Class:	Class II	Ingress Protection(IP):	IP66 (Standard)
Operating Temp:	-30 ~ +55°C		
Efficiency:	92%	Beam Angle:	45° 90° 120°
Driver Type:	Standard	Lifespan:	50 000hrs
LED Type:	SMD	Mounting Options:	Ceiling
Ex Mark : CE 1282 	II 2G Ex d e IIC T6 II 2D Ex tb T80°C		Bracket
Cable Entry:	G 3/4" ; NPT3/4"		Pendant

MATERIAL STRUCTURE

Housing Body:	Die Casting Aluminium Stainless Steel	Housing Colour:	Grey
Optional:	Marine Grade Aluminium	Lens:	Clear
Lens Diffuser:	Tempered Glass	Anti Corrosion:	Optional
Anti Vibration Brackets:	Optional	Gasket:	Rubber

OPTIONAL FEATURES

Emergency Options:	20% - 30% Back-up Power	External
Certifications	RoHs/IEC/SANS/CE/ISO9001/ATEX	

ORDERING INFORMATION

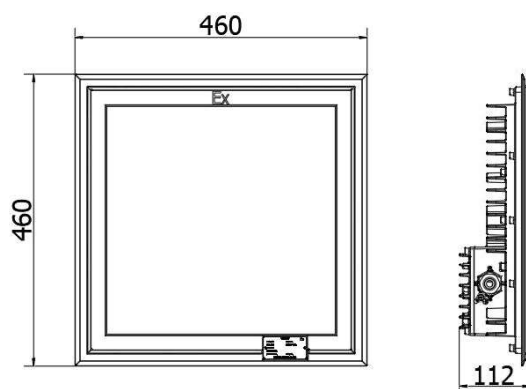
XXX	XXX	XXXX	XXX	XXX	XXX	XXX	XXX	X
Product Family	Product ID	Size(LxWxH) & Weight(kg)	Power	Efficacy	Driver Type	Control	CRI	Glare Rate
EX Bulkhead (BUL)	AL TSA Arion EX Canopy (AAC)	460x460mm(044) 13,5kg	50W (0050) 60W (0060) 80W (0080) 100W (0100) 120W (0120) 150W (0150) 200W (0200) 240W (0240)	120lm/W (120) 130lm/W (130)	Standard (STD)	Standard (STD) Emergency (EMG)	70 (±2) (7)	22 (22)

Arion Ex

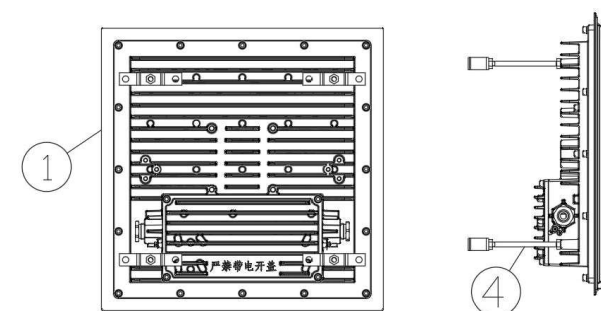
ANTI CORROSION TABLE CHART (OPTIONAL COATING)

CATEGORY	CORROSIVITY		
C1	Very Low	Heated Buildings	Dry or cold with very low pollution
C2	Low	Low levels of pollution	Temperate low pollution
C3	Medium	Urban & Industrial Moderate pollution	High/Moderate pollution
C4	High	Coastal & Industrial Moderate pollution	High/Moderate pollution
C5-I	Very High	High humidity & Industrial	Agressive Atmosphere
C5-M	Very High	Coastal & Offshore areas	Marine areas With high salinity

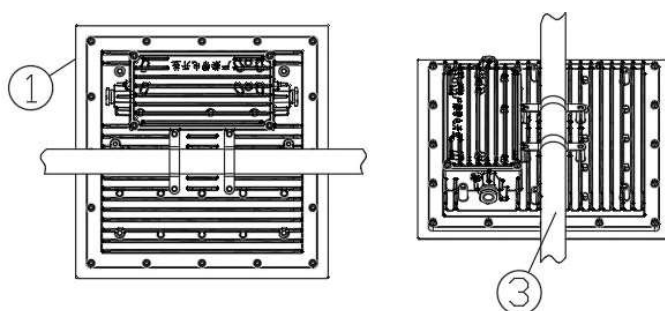
DIMENSIONS



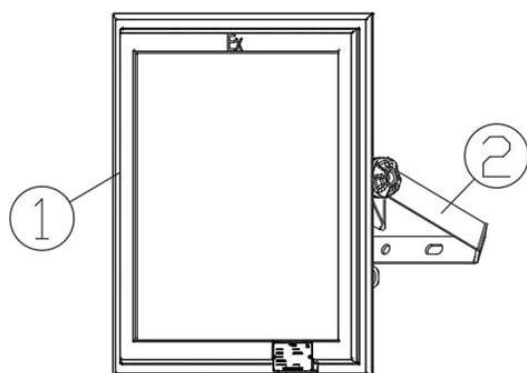
INSTALLATION



Ceiling Mount



Pendant Mount



Bracket Mount