

SHAFT BOTTOM LIGHT



EXPLOSION PROOF SERIES



PRODUCT OVERVIEW

The AL TSA IP68 Shaft bottom light is a custom made luminaire light fixture designed specifically for the mining industry environments. The luminaire features high efficiency LED chipsets with a lifespan of 50 000hrs and can be widely used in oil & gas exploration, drilling, petrochemical plants, power plants, and pharmaceutical plants as a fixed lighting solution. The luminaire can handle all sorts of weather conditions including being suppressed under water. The luminaire features multiple mounting options and offers a variety of power consumptions as well as input voltages ranging from DC 12,24 up to 32V and AC 100-277V which are all optional.

Quality comes standard...

Ex d IIC T6/T5 Gb Ex tb IIIC T80°C/T95°C Db



Hours
LIFESPAN



IP68
Outdoor



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Mining Environments
Industrial Areas
Petrochemical Plants
Oil Refineries
Offshore Oil Rigs

CONSTRUCTION DETAILS

Aluminium Alloy
Tempered Glass Lens
Powder Coating
Silver Housing Finish
IK10 Impact Resistance

FEATURES

IP66, IP68 Ingress Protection	Multiple Input Voltages
Optional Mounting Options	Quick Installation
Multiple Power Consumptions	Robust Structure
Stainless Steel Components	Wire Guard Options
Anti Corrosion Treatment	Energy Efficient
High Impact Resistance	Excellent Heat Dissipation

Shaft Bottom Light - Technical Data

SPECIFICATIONS

Input Voltage (V):	AC220-240VAC	Luminaire Efficacy(lm/W):	140(lm/W)
Input Voltage (V):	DC12V, 24V , 32V (Optional)	L&B Rating @Ta=25°C:	L90 77 000hrs
Frequency (Hz):	50/60Hz		L80 175 200hrs
Power Consumption (W):	30W, 40W, 50W, 60W, 70W		L70 282 900hrs
Correlated color Temp (CCT):	2000K - 6500K (Red, Green, Blue, Amber - Optional)	Ingress Protection(IP):	IP66 - Standard
Colour Rendering Index (CRI):	Ra70 (Ra80/Ra90 Optional)		IP68 - Optional
Power Factor (PF):	>0.90		
Electrical Class:	Class I	Impact Resistance(IP):	IK10 - Standard
Operating Temp:	-40°C ~ +65°C		
LED Brand:	SMD - 3030	Beam Angle:	120°
Driver Type:	Constant Current	Lifespan:	50 000hrs
Surge Protection Optional:	4KV(30-50W) - 6KV(60-70W) (Line-Line) 6KV(30-50W) - 10KV(60-70W) (Line-Earth)	Mounting Options:	Ceiling, Wall, Stanchion Pendant, Trunnion
Entry & Output Cable:	Top / 1.5M (Standard)		

MATERIAL STRUCTURE

Polycarbonate(PC) is used which is superior to even Poly methyl methacrylate (PMMA) and can carry a life time guarantee itself

Housing Body:	Aluminium Alloy	Housing Colour:	Silver (RAL9007)
	Tempered Glass Lens	Finish:	Powder Coated

OPTIONAL FEATURES

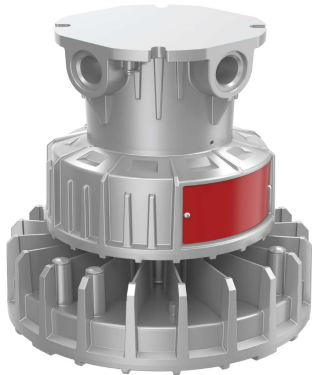
Wire Guard

ORDERING INFORMATION

XXX	XXX	XXX	XXX	XXX	XXX	X	X	XXX	XXX	XXX	XXX	X	X
Product Family	Product ID	Size	Power	Efficiency	CCT	IP	IK	Beam Angle	Accessories	Mounting	Control Type	CRI	Glare Rate
Highbay (HBY)	Shaft Bottom Light (SBL)	Ceiling Mount Φ248x274 (Dia.9.8"x10.8") (CM) 8.3kg Stanchion Mount 320 x248x275 (12.6"x9.8"x10.8") (SM) 7.9kg Wall Bracket Mount 336x248x271 (13.2"x9.8"x10.7") (WBM) 9kg Pendant Mount Φ248x292 (Dia.9.8"x11.5") (PM) 7.3kg Trunnion Mount 284x248x348mm (11.2"x9.8"x13.7") (PM) 9kg	30W(30) 40W(40) 50W(50) 60W(60) 70W(70)	140lm/W (140)	2000K(02) 2200K(22) 2500K(25) 2700K(27) 3000K(03) 3500K(35) 4000K(04) 4500K(45) 5700K(57) 6500K(06)	IP66 (IP66) IP68 (IP68)	IK10 (IK10)	120° (S120)	Wireguard (WIR) 5mtr Cordset (5MC)	Ceiling (CEI) Stanchion (STA) Wall Bracket (WAB) Pendant (PEN) Trunnion (TRU)	Standard (STD) Emergency (EMG)	70(7) 80(8) 90(9)	27(27)

Shaft Bottom Light

MOUNTING OPTIONS



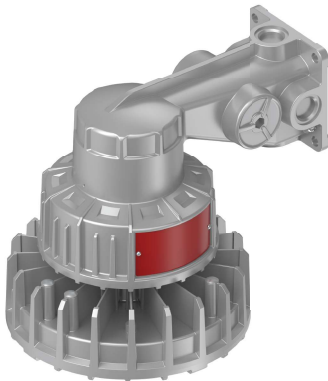
CEILING MOUNT



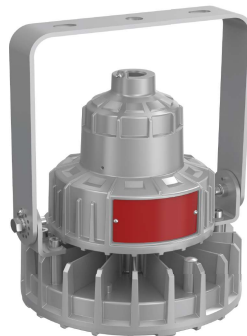
PENDANT MOUNT



25° STANCHION MOUNT



WALL BRACKET MOUNT



TRUNNION MOUNT

PHOTOMETRICS

