

PROTEA MAX Bulkhead



EXPLOSION PROOF SERIES



PRODUCT OVERVIEW

Constructed with a high pressure die cast aluminium base and a glass lens, the robust **AL TSA PROTEA MAX Ex Bulkhead** is the ideal replacement for any industrial bulkhead.

The **AL TSA PROTEA MAX Ex Bulkhead** is a very versatile and affordable bulkhead, designed to withstand extreme weather conditions whilst delivering a powerful punch for its size. Equipped with a Meanwell power supply and Phillips LED chipsets

The **AL TSA PROTEA MAX Ex Bulkhead** offers an expected lifespan of >50 000 hours at an average operating temperature of 25°C and is easily installed, with virtually no maintenance. It has excellent lumious efficiency up to 160lm/W and will produce stable light output for its entire lifespan.

The **AL TSA PROTEA MAX Ex Bulkhead** is suitable for explosive gas environments: Group IIA、IIB、IIC. Can be used in Zone1, Zone2, Zone21, Zone22

Quality comes standard...



Hours
LIFESPAN



IP66
OUTDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Industrial Areas	Workshops
Commercial Areas	Store Rooms
Warehouses	Logistic Centres

FEATURES

Ex d IIB T6 Gb	Lifespan: >50, 000hrs
Ex tb IIIC T80°C Db IP66	CRI: >80
SANS (IEC) 60079-0	Input Voltage: 100-277VAC
SANS (IEC) 60079-1	Power Factor: >0.98

Protea Max Bulkhead

TECHNICAL DATA

MODEL No.:	POWER (W)	BEAM ANGLE	LUMEN (lm)	CRI	CCT (K)
MAXPEX-50	50	220°	4800	>80	2700-6500
MAXPEX-60	60	220°	7200	>80	2700-6500
MAXPEX-80	80	220°	9600	>80	2700-6500
MAXEX-100	100	220°	12000	>80	2700-6500

MECHANICAL DATA

Lamp Description:	3030
Impact Resistance:	IK08 Impact Resistant Net With IK08 Impact Housing
Operating Temperature:	-20°C ~ 50°C
Housing Material:	Aluminium
Lens Material:	Glass
Glare Index:	UGR22
Housing Finish:	Black/Grey
IP Rating	IP66
Mounting Configuration:	Surface/Suspended
Flicker Specifocation:	SVM<0.4

ELECTRICAL DATA

FEATURES		
Driver:	Turefull	EMC Applicable Standards
Electrical Class:	Class 1	Triac Dimmable
Nominal Voltage Range:	100 - 277 VAC	Dali Control
Power Factor:	>0.95	1-10V Control
THD:	12%	Motion Sensor
Surge Protection:	Standard 1000V- Optional 3000V	
Battery Backup:	20% 30 - 90 Minutes	
Photocell:	External	
Cable Entry:	Bottom	