

# PROTEA MAX Bulkhead



Outdoor SERIES



## PRODUCT OVERVIEW

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

Protéa MAX Bulkhead by AL TSA is an affordable and versatile bulkhead, designed to withstand extreme weather conditions whilst being powerful for its size. With Mean-well power supply and Phillips LED chipsets, it delivers excellent visibility in all conditions.

It has a lifespan of >50 000 hours at average operating temperatures of 25°C and requires virtually no maintenance. It has an excellent luminous efficiency of up to 160lm/W and will produce stable light output throughout its lifespan.

Explosion proof option available on request.

Quality comes standard...



Hours  
LIFESPAN



IP66  
OUTDOOR



Low  
MAINTENANCE



Year  
WARRANTY



Product  
CERTIFICATION

### APPLICATIONS

Construction Sites

Warehouses

Industrial Plants

Filing Stations

Parking Areas

Mining Sites

### FEATURES

Polycarbonate / Glass Lens

Shock Resistant

Certifications: RoHS, CE

5 Year Warranty

92% Reflection Rate

### CONSTRUCTION DETAILS

Aluminium Housing

IP66 Ingress Protection

Corrosion Control

Glass Lens

IK08 Impact Resistance Glass Lens

Black/Grey Finish

IK08 Impact Resistance With Resistant Net

## Protea Max Bulkhead

### TECHNICAL DATA

MODEL No.:	POWER (W)	BEAM ANGLE	LUMEN (lm/W)	CRI	CCT (K)	WORKING VOLTAGE
MAXP-50	50	220°	120	>80	2200-6000	100-277
MAXP-60	60	220°	120	>80	2200-6000	100-277
MAXP-80	80	220°	120	>80	2200-6000	100-277
MAX-100	100	220°	120	>80	2200-6000	100-277

### 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	

## Protea Max Bulkhead

### INSTALLATION EXAMPLE

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