

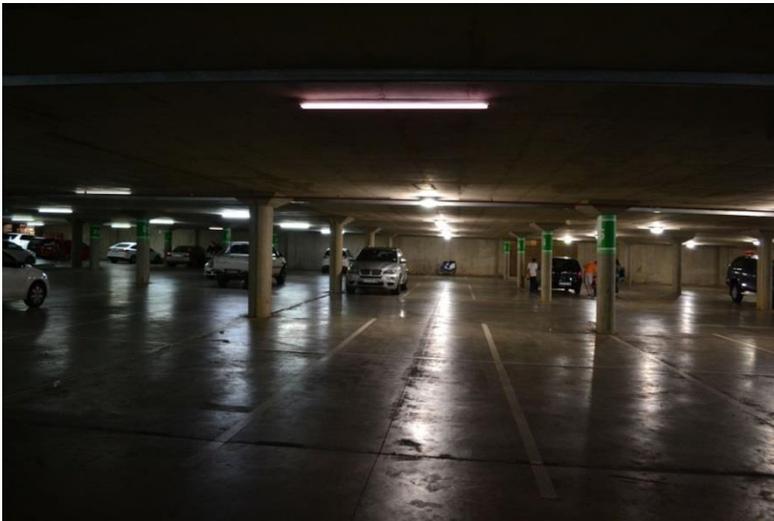
# TFS Energy

## INDUCTION BULKHEAD



EAL\_BHXXX

EAL-BH40W-EMERGENCY



Above is a pilot project in the undercover parking area of a local shopping mall where we installed 20 of our 40 Watt induction bulkheads. These replaced on a one for one basis the existing 2 X 35 Watt open channel T5 fixtures. The bulkheads are on the right and the T5's are on the left.

The industrial bulkhead body is manufactured from a tough high temperature chemically resistant polymer that is very stable under the most difficult conditions.

The lens is made from a material we call Easy glass and is a polymer that is resistant to most chemicals and transmits light in the visible part of the spectrum better than normal toughened glass. It also removes all UV light that may be emitted by the lamp. This makes it ideal for use in the food industry. This lens is guaranteed not to yellow for 10 years.

The EAL-BH40W-EMERGENCY light is an emergency light that will carry on working for at least 30 minutes after power has been removed. This can be extended to more than one hour as an option. The light can be non- maintained or fully maintained.

Benefits:

- Energy Saving up to 60%
- Long Life up to 50,000 hours
- IP65
- Very robust
- Used underground in Mines
- Used in any industrial application

## INDUSTRIAL INDUCTION BULKHEAD LUMINAIRE

All our standard industrial bulkhead fixtures are locally manufactured with only the lamps and gear being imported. The reflectors/gearplates are made from white powder coated mild steel. The body is made from a very tough high temperature chemically resistant polymer. All our industrial bulkheads are fitted with our special Easyglass plastic lenses that are guaranteed not to yellow for 10 years. This gives zero UV output and is ideal for use in the food industry.

Features	Specifications	Remarks	
Dimensions Industrial High Bay	L 420mm X W 320mm X H 180	Universal power supply	
Packed weight	4.5 Kg		
Supply voltage	110V to 277 V		
Power factor	0.98		
THD	<4%		
Wattages	40/60/80/100		
Power consumption watts	42/63/84/105		
Lamp lumen output 40 Watt	3200		
Lamp lumen output 60 Watt	4800		
Lamp lumen output 80 Watt	6400		
Lamp lumen output 100 Watt	8500		
CCT colour temperature	5000K		Equivalent to daylight
RA colour rendition	>80		
Reflector material	White powder coated mild steel		
Mounting height	3M to 6M	Warranty on fixture is 10 years	
Expected Lifespan	100000 hours		
Warranty	5 years on lamp and 3 years on gear		
Lumen depreciation	<15% at 80000 hours		
Lens	Non yellowing Easyglass		
Approvals	IEC 61347-2-3 SABS 60598 IP 66 IEC 60598-2-3 Product Codes: 80W TFS064 100W TFS065		

**TFS Energy**

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