

# INDUCTION HIGHBAY



EAL\_HBXXX



EAL-DÉCOR-HBXXX

FRONT VIEW



EMERGENCY LIGHT



HID HIGHBAY



Our standard energy saving commercial and industrial high bay fixtures come in wattages from 120 Watt up to 300 Watts. We fit either glass or special plastic lenses as required for each application.

The glass lenses are made from toughened glass and the plastic lenses are made from a special plastic that will not "yellow" over the lifespan of the lamp. Fixtures fitted with our plastic lenses have 0% UV output. This is essential for the food industry.

Our high bays at 74% efficiency are the most efficient induction high bays available and surpass any imported units by at least 9%

The 200W to 300W units can be fitted with a 40W emergency light backup giving 30 minutes of backup time.

We are also manufacturers of traditional HID fixtures up to 400 Watt with HPS, MH and Mercury vapour gear as well as fixtures for standard energy saver lamps

[www.tfsenergy.co.za](http://www.tfsenergy.co.za)

## INDUSTRIAL INDUCTION HIGH BAY LUMINAIRE

All our standard industrial high bay fixtures are locally manufactured with only the lamps and gear being imported. Our reflectors are spun in-house using 1.2 mm thick H1200 grade aluminium. All our industrial high bays are fitted with toughened glass lenses or can be fitted with our special Easyglass plastic lenses that are guaranteed not to yellow for 10 years.

Our commercial décor high bay fixtures use top grade acrylic reflectors and can be fitted with either glass or Easyglass plastic lenses. If fitted with our Easyglass plastic lenses then there is zero UV emissions. This is normally a requirement for the food industry.

Features	Specifications	Remarks	
Dimensions Industrial High Bay	495mm Dia. X 400mm High	For industrial high bay. Universal power supply	
Dimensions Décor High Bay	570mm Dia. X 600mm High		
Packed weight	6 Kg		
Supply voltage	110V to 277 V		
Power factor	0.98		
THD	<4%		
Wattages	120/150/200/250		
Power consumption watts	126/159/212/262		
Lamp lumen output	9600		
Lamp lumen output	12750		
Lamp lumen output	17000		
Lamp lumen output	22500		
CCT colour temperature	5000K		Equivalent to daylight
RA colour rendition	>80		Décor uses an acrylic type reflector. Wattage dependent
Reflector material	1.2mm thick H1200 grade aluminium		
Mounting height	4M to 16M	Fixture is 5 years	
Expected Lifespan	100000 hours		
Warranty	5 years on lamp and 3 years on gear		
Lumen depreciation	<15% at 80000 hours	IP 65 version SABS 60598-1	
Lens	Toughened glass or non yellowing Easyglass for the food industry		
Approvals	IEC 61347-2-3 SABS 60598 IP 65 IEC 60598-2-3		

### TFS ENERGY

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