



enLighten

Warehouse/Factory

WHERE RELIABILITY IS CRITICAL



# Tauro Black HT

High temperature rated, robust high bay light with programmable driver

Designed for illuminating large interior spaces where reliability is critical.

Low maintenance high bay that operates well in high temperature environments.

A range of optics make this light suitable for both open spaces and pallet racking requirements. These optics will ensure good uniformity and vertical illumination creating a safe work environment.

## OPTIONS AND BENEFITS

- **Controls-ready programmable LED driver** with ultra-long lifetime
- **High temperature rating** - designed to operate in 60°C
- **Industry leading efficacy** of up to 165 lm/w using Nichia LEDs
- **Up to 40% more efficient** when compared to standard LED highbays.
- **Variety of optics available** - symmetric & asymmetric
- **Wide range of sizes** 90W-240W to cover low to high ceilings
- **Optional controls** through the high temperature rated daylight harvesting & motion sensor controller
- **Durable and robust** with IP65 & IK10
- **Hanging kits included** for easy mounting
- **10 year warranty**



## APPLICATIONS



LARGE RETAIL



LOADING DOCKS



MANUFACTURING



WAREHOUSING



WORKSHOP

## FEATURES



10kV SURGE PROTECTION



DAYLIGHT SENSOR



IMPACT RATING



INGRESS PROTECTION



MICROWAVE MOTION SENSOR



SAFETY COMPLIANCE



SURFACE MOUNT



SUSPENSION MOUNT



YEAR WARRANTY

## PRODUCT RANGE

The Tauro Black HT LED high bay is available in 90W to 240W with a variety of aisle racking and symmetric optics.

Control options include daylight harvesting and microwave motion sensor.

Model #	Optic Code	Lument output (lm)	Rated Power (W)	Size LxWxH (mm)	Weight (kg)
TB90HT		14,100	90	718 x 137 x 102	4.7
TB120HT	57 AR1	18,700	120	948 x 137 x 102	5.7
	57 AR2				
TB150HT	57 AR3	23,000	150	1178 x 137 x 102	6.9
TB180HT	57 S1	27,700	180	718 x 275 x 102	8.5
	57 S2				
TB240HT		37,100	240	950 x 299 x 102	10.3

\*Model number may vary depending on the control options. Contact enLighten for the complete model number before ordering. Data may vary slightly with different optics. Refer to latest IES files/test reports to get exact figures for lumen outputs & wattages.

## TECHNICAL INFORMATION

### Optical

Light source	Nichia LEDs
Lumen output	14,100 - 38,550 lumens
CRI	Ra>80
CCT	5000K standard, 4000K optional
Luminaire efficacy	151-165 lm/W
Beam angle	Symmetrical & asymmetrical

### Electrical

Power consumption	90W - 240W
Operating frequency	50 Hz
Operating voltage range	90 - 305V AC
Power factor	>0.9 /240V AC
Driver	Inventronics EUD-DVL
Surge Protection	6kV line-line, 10kV line-earth (driver) 1kV (sensor)

### Environmental

IP rating	IP65
Impact rating	IK10
Net weight	4.7kg, 5.7kg, 6.9kg, 8.5kg & 10.3kg (+/- 0.3kg)
Ambient temperature range	-30°C to +60°C
Material composition (body)	Aluminium alloy
Material composition (diffuser)	Polycarbonate lens
Expected lifespan	>130,000 hours @L70

### Controls - Optional

Integrated microwave motion and daylight harvesting sensor with remote control (for commissioning)

### Inclusions

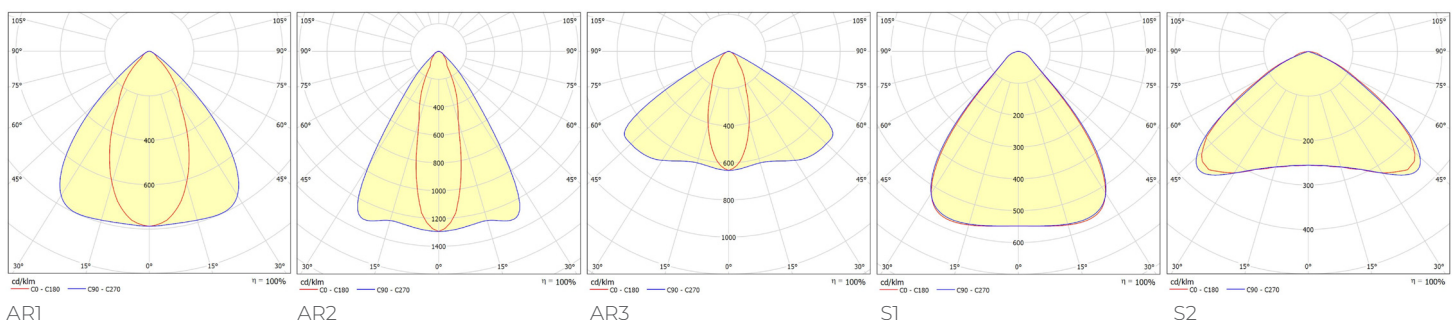
Single point mounting bracket & 2m adjustable stainless steel wire  
Surface mount brackets (optional)

### Warranty\*

10 years

Data subject to change without notice  
\* Refer to warranty policy

## PHOTOMETRICS



AR: Asymmetrical Rack Distribution, S: Symmetric Distribution

## SMART CONTROL SENSOR

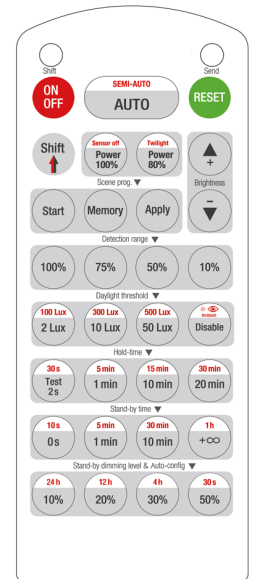
The Tauro Black HT high bay has a smart control sensor for daylight harvesting and motion detection. The high bay sensor is an LED lighting control device that can detect motion and ambient light when mounted up to a maximum height of 12m. Gain up to 40% increase in energy savings using sensors.

### Design features:

- Wide detection range of up to 16m diameter
- 2 & 3 Step dimming offers full, standby & off modes
- Daylight harvesting function can adjust light output depending on the amount of natural light available
- Maximum mounting height of 12m suitable for warehouse use
- Settings are adjustable via a remote control commissioning tool (**part no. HB-IRC**)

### Operating modes of the high bay sensor:

- Motion detection and daylight harvesting
- Motion detection only (no daylight harvesting)
- Daylight harvesting only (no motion detection)



The smart control sensor can achieve up to 3-step dimming functions between high light output (100%), stand-by dimming (10-50%) and off. An integrated photo electric (PE) cell detects ambient light levels and will adjust the light output according to preset lux thresholds.

The intelligent lux level auto-commissioning function calibrates the target lux level automatically which simplifies the commissioning process.

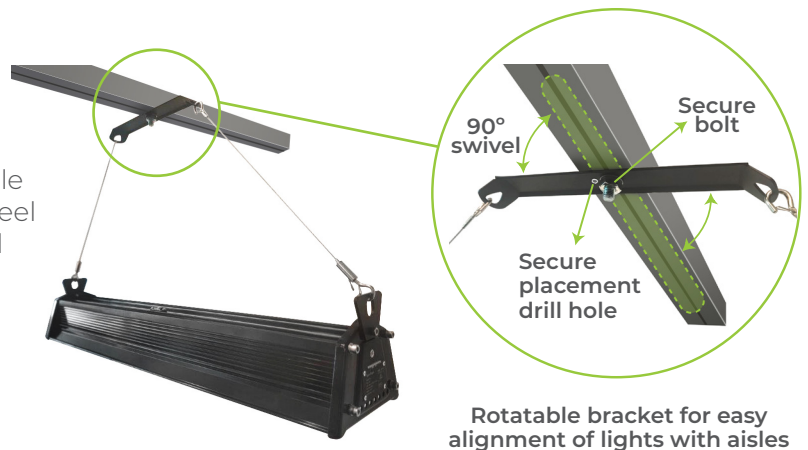
## OUR MOUNTING

### Single point mounting bracket

The Tauro Black HT high bay comes with a single point mounting bracket, adjustable stainless steel suspension cables with hook and an integrated level assistant for easy installation.

### ACCESSORIES

The surface mount bracket is an optional accessory making it possible to easily mount directly onto the ceiling.



Part #	Wattage	Distance from ceiling to the bottom of the light
TB-Bracket-S	90W-150W	150mm
TB-Bracket-L	180W-240W	117mm

## COMPLIANCE

The Tauro Black HT meets or exceeds all relevant standards and regulatory requirements.

For a full compliance and testing list visit [www.enlighten.com.au](http://www.enlighten.com.au). IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.

