



enLighten

Car Park Entrance Control System (CECS)

MAKE YOUR CAR PARK ENTRANCE
COMPLIANT TO AS/NZ 1680

Tauro Black - CECS

Intelligent wireless lighting solution for car park entrances

The Car Park Entrance Control System (CECS) is enLighten's innovative solution for lighting of car park entrances. It removes the need for installing banks of luminaires with complex wiring and tedious commissioning. The CECS comprises of Tauro Black LEDs & a controller that are linked via Radio Frequency (RF).

The controller, which is placed at the entrance of the car park, houses a daylight sensor for detecting outside light level. It then communicates with the Tauro Black fittings over a wireless mesh network to deliver 800 lux during the day & 160 lux at night for the first 15m of the entry zone as per AS/NZS 1680.

The controller & lights come pre-configured to meet the Australian Standard requirements and hence present a unique solution that not only cuts installation time by less than half. It provides a clutter free ceiling thereby making your car park entrance aesthetically pleasing as well as safe.

OPTIONS AND BENEFITS

- **Industry leading efficacy** - Up to 165lm/w using Nichia LEDs
- **Variety of optics available** - symmetric & asymmetric
- **Self-healing** wireless mesh communication network
- **No commissioning** - simple plug and play
- **Durable & robust** with IP65 & IK10
- **Surface mount bracket included** for easy mounting
- **5 year warranty**



APPLICATIONS



CAR PARKS

FEATURES



DAYLIGHT
SENSOR



IK10
IMPACT
RATING



IP65
INGRESS
PROTECTION



SAFETY
COMPLIANCE



SURFACE
MOUNT



5
YEAR
WARRANTY



WIRELESS
CONTROLS

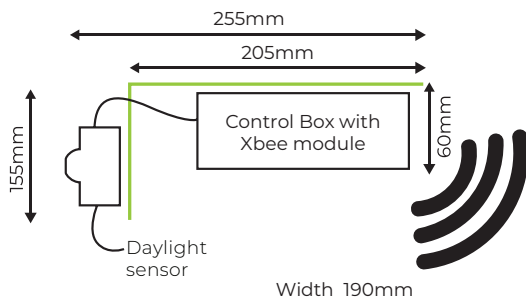
PRODUCT RANGE

The Tauro Black LED low bay for car park entrances is available in 90W & 120W with symmetric & asymmetric optic options.

Model #	Lumen output (lm)	Rated Power (W)	Size LxWxH (mm)	Weight (kg)
TB90D-57S3-CECS	14,200	90	718 x 137 x 140	4.7
TB90D-57AR1-CECS	14,500	90	718 x 137 x 140	4.7
TB120D-57AR1-CECS	19,740	120	948 x 137 x 140	5.7
CECS (Controller - 1 required per car park entrance)*	N/A	2.5	255 x 190 x 155	2

*A closed roller door might impact the transmission of wireless signal from the controller to the lights. Contact enLighten for installation guidance.
#Other optics options available on request

DIMENSIONS - CECS CONTROLLER



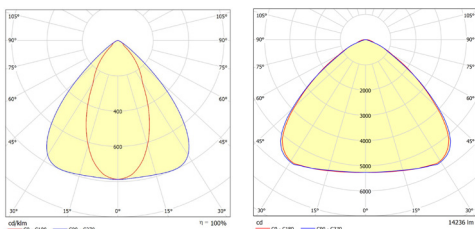
MOUNTING

Surface Mount Bracket

The Tauro Black high bay comes with a surface mount bracket for easy installation.



PHOTOMETRICS



AR: Asymmetrical Rack Distribution, S: Symmetric Distribution

TECHNICAL INFORMATION

Optical

Light source	Nichia LEDs
Lumen output	14200 - 19740 lumens
CRI	Ra>70
CCT	5000K
Luminaire efficacy	151-165 lm/W

Electrical

Power consumption	90W, 120W
Operating frequency	50 Hz
Operating voltage range	220 - 240V AC
Power factor	>0.9 /240V AC
Driver	Sosen

Environmental

IP rating	IP65
Impact rating	IK10
Net weight	4.7kg, 5.7kg (+/- 0.3kg)
Ambient temperature range	-30°C to +50°C
Material composition (body)	Aluminium alloy
Material composition (diffuser)	Polycarbonate lens
Expected lifespan	>130,000 hours @L70

Controls

Integrated with wireless mesh

Inclusions

Surface mount bracket

Warranty*

5 years

Data subject to change without notice
*Refer to warranty policy

COMPLIANCE

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



For a full compliance and testing list visit www.enlighten.com.au. IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.

