

100W ZEUS HIGH EFFICIENCY SMART HIGH BAY

TGL-ZEUSHE-100-50
 DLC ProductID: P18OSPNP

PRODUCTS DESCRIPTION

The TGL Zeus Smart High Bay is a next generation high efficiency all in one intelligent design with plug & play sensors that allow for easy upgrade to a smart IOT connected high bay capable of wireless motion dimming and daylight sensors. It also features high efficiency Philips Lumiled chips, Meanwell driver and THUNDERSHOCK™ protection allowing it to function under tough electrical conditions.



Plug & Play IOT Motion Sensor

FEATURES

- Beautiful Sleek Modern Plug & Play Design.
- Clip on shatterproof polycarbonate frosted lens snaps on for great light distribution and low glare.
- Easy upgrade Plug & Play Motion Sensor, Smart Internet of Things Sensors and Devices.
- Water Resistant (IP65 rating) & Fireproof
- World Class Efficiency 140-150 Lm/W Chips
- Superior Thermal Management

PARAMETERS

OPTICAL PARAMETERS		ELECTRICAL PARAMETERS	
Colour Temperature (CCT)	5000	Rated Power (W) ± 5%	100W
Lumen Output (lm) ± 5%	14,500	Rated / Actual Input	100V – 277V, 277-480V 50/60Hz
Lumen Efficacy (LPW) ± 5%	145	Factor / THD Driver	>0.9
CRI	>70	Driver Type	Mean Well
Beam Angle	90°	Dimmable	1-10V Dimmable
OTHERS			
Operating Temperature	-30° C to 50° C		
IOT Zigbee Network	Motions / Daylight Sensors		
Housing Material	Aluminum Alloy		
Lens Material	Polycarbonate		
Rated Hours	50,000		
Warranty	5 Years		



IoT Smart Network Controls

Once a 2-1 network card and occupancy sensor has been selected as the plug and play sensor the Zeus Smart High Bay becomes part of a Zigbee mesh network which now opens the door to an unlimited number IOT smart devices that can work with our highbay. Devices allow the highbay to be controlled by smartphone applications, wireless switch and wireless remote control.

APP, Network control

Lights in multiple locations can be controlled from wireless devices such as mobile phones (IOS/Android system).



Wireless Touch Switch control



Remote control



Other Zigbee devices like a daylight sensor or smart building control systems can be added to the network to create additional savings programs.



Occupancy Sensing

Typically Saves: 15-55%

No one needs light in empty spaces. Turning lights off or dimming when no one is there to use them is an obvious and easy way to save energy



Daylight Harvesting

Typically Saves: 15-45%

Get More from Your Daylighting. Daylight harvesting automatically regulates the use of electric lighting in response to the amount of daylight available. Make sure you use only what you need.



Auto Scheduling

Typically Saves: 10-40%

Tell the Smart HighBay when to illuminate a zone and it will take care of the rest with auto-adjustments based on your time zone. Update schedules right from your smartphone



Load Shedding

Typically Saves: 15-45%

Load-shedding, or temporarily reducing the load of a system to avoid energy costs when they're at their highest



Task Tuning

Typically Saves: 5-15%

Programming the output of an individual or group of luminaires to the level that provides just the right amount of light for the space, task or area.



Zoning & Group control

Typically Saves: 5-20%

Group luminaires and form unique lighting control zones for a control strategy via software-defined means, not via electrical installation details (e.g. wiring).