

PRODUCT CATALOG

2021

Professional Industrial Lighting
IoT Smart System Solutions

Stellux LED LLC
in collaboration with
E-lite Semiconductor Co. Ltd

www.stelluxlighting.com

Exterior Lighting Products

CONTENTS

Smart Lighting Control System

- iNET IoT Intelligent Lighting Control System -----003

Specialty Lighting

Professional Glare Free Tennis Court Light

- New Edge Series Tennis Court Light (150~155LPW, 240W~600W) -----014
- New Edge Series Tennis Court Light Retrofit Kit (150~155LPW, 240W~600W) -----017

High Temperature Environment Lighting

For Ambient Temperature up to 60°C/140°F

- Edge Series High Temp High Bay & Flood Light (140LPW, 50W~450W, 60°C/140°F) -----021
- New Edge Series High Temp Premium High Bay & Flood Light (180LPW, 50W~450W, 60°C/140°F) -----025

For Ambient Temperature up to 80°C/176°F

- Edge Series High Temp High Bay & Flood Light (140LPW, 50W~450W, 80°C/176°F) -----029
- New Edge Series High Temp Premium High Bay & Flood Light (180LPW, 50W~450W, 80°C/176°F) -----033

High Bay Lighting

- Aurora Series Modular UFO High Bay (145~150LPW, 100W~300W, 50°C/122°F) -----038
- Apollo Series Round High Bay (170LPW, 100W~150W, 45°C/113°F) -----042
- LitePro Series Linear High Bay (140LPW, 50W~200W, 45°C/113°F) -----044
- New Edge Series Modular High Bay (165LPW, 120W~600W, 50°C/122°F) -----048

Sports Lighting / High Mast Lighting / General Flood Lighting

- New Edge Series Modular Premium Light Fixture (180LPW, 50W~450W, 60°C/140°F) -----052
- New Edge Series Modular Light Fixture (165LPW, 120W~1200W, 50°C/122°F) -----056
- Ion Series Area & Flood Light (130LPW, 30W~400W, 50°C/122°F) -----061

Roadway & Area Lighting

- Phantom Series Die Cast Cobra-head Street Light (135LPW, 60W~200W, 45°C/113°F) -----066
- Orion Series Die Cast Area and Roadway Light (130~150LPW, 50W~300W, 50°C/122°F) -----069
- Icon Series Tool-free Die Cast Street Light (135LPW, 60W~200W, 45°C/113°F) -----072
- Oasis Series Die Cast Street Light (150LPW, 40W~240W, 50°C/122°F) -----075
- Bravo Series Light Weight Street Light (135LPW, 50W~150W) -----080
- New Edge Series High Temp Roadway & Area Light (165LPW, 120W~300W, 60°C/140°F) -----082
- New Edge Series High Temp Premium Roadway & Area Light (180LPW, 50W~200W, 60°C/140°F) -----085

Wall Pack Lighting

- Diamond Series Traditional Die Cast Wall Pack (130LPW, 40W~150W, 45°C/113°F) -----090
- LitePro Series Adjustable Modular Wall Pack (140LPW, 40W~120W, 45°C/113°F) -----093

Linear Luminaire

- Luna Series Regular Tri-proof Linear (130LPW, 30W~70W, 45°C/113°F) -----097
- Luna Series Deep Dimming Tri - Proof Luminaire with Switchable CCT (130~140LPW, 30W, 45°C/113°F) -----099

Canopy Lighting

- Stella Series LED Canopy Light (150LPW, 80W~150W, 55°C/131°F) -----102

Engineering & Heavy-duty Lighting

- Victor Series LED Area / General Light (130LPW, 36W, 55°C/131°F) -----106
- Victor Series LED Area / General Light with Emergency Power Pack (130LPW, 36W, 55°C/131°F) -----108
- Hercu Series LED Bulk Head (120LPW, 30W~60W, 50°C/122°F) -----110

Tunnel Lighting

- Xtreme Series LED Tunnel Light (135~150LPW, 30W~300W, 50°C/122°F) -----113



SMART CITY

- **iNET IoT Intelligent Lighting Control System**

iNET™ IoT Intelligent Lighting Control System

BACKGROUND



Background

Lighting is an essential element of modern society. From outdoor street lights to household lights, lighting affects people's mood and sense of security. Unfortunately, lighting is also a major energy user. To reduce electricity demand and thereby the carbon footprint, LED lighting technology has been widely accepted and implemented to upgrade the legacy lighting. This global transition provides not merely an opportunity for energy-saving initiative but a feasible gateway to adopt an intelligent IoT platform, which is critical for smart-city solutions.

The existing LED lighting infrastructure could be used to create a powerful light sensory network. With embedded sensor+control nodes, the LED lights work to collect and transmit a wide variety of data from environment humidity and PM2.5 to traffic monitoring and seismic activity, from sound to video, so as to support many city services and initiatives across a single common platform without adding significantly more physical infrastructure.

Value Proposition

- Drastically reduce energy consumption, costs, and maintenance by using LED technology combined with dynamic, per-light controls.
- Improve city safety and security, increase violation capture.
- Enhance situational awareness, real-time collaboration, and decision making across city agencies, help optimize urban planning, increase city revenues.

iNET™ IoT Intelligent Lighting Control System

SOLUTION OVERVIEW



Solution Overview

E-LITE iNET IoT solution is a wireless based public communication and intelligent control system featured with mesh networking technology.

• Central Control & Management

iNET Cloud provides a cloud-based central management system(CMS) for provisioning, monitoring, controlling and analyzing lighting systems. This secure platform helps cities, utilities and operators reduce energy usage and maintenance costs, while also increasing safety. iNET Cloud integrates automated asset monitoring of controlled lighting with real-time data capture, providing access to critical system data such as power consumption and fixture failure. The result is improved maintenance and operational savings. iNET also facilitates development of other IoT applications.

• Gateway & Controller Node

The gateway communicates with server via cellular or ethernet wiring if available, and communicates with controller nodes using SUB-1GHz radio frequency (ISM 433MHz). The controller node features mesh networking, which ensures each and every instruction from server could be received and performed via the gateway. All terminal performance could be monitored from mobile devices. Proven stable communication distance from the gateway to the node is 1000m, each gateway may cover up to 1000 nodes.

Applications

- Street light control system
- Sports complex lighting control system
- Industrial facility lighting control system
- Agricultural facility light control system

iNET™ IoT Intelligent Lighting Control System

SYSTEM FEATURES & SYSTEM TOPOLOGY



System Features



Automatic Light On/Off & Dimming Control

- By time setting
- On/off or dimming with motion sensor detection
- On/off or dimming with photocell detection

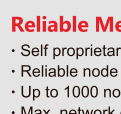
Accurate Operation & Fault Monitor

- Real-time monitor on each light working status
- Accurate report on fault detected
- Provide location of fault, no patrol required
- Collect each light operation data, such as voltage, current, power consumption



Extra I/O Ports for Sensor Expandability

- Environment Monitor
- Traffic Monitor
- Security Surveillance
- Seismic Activities Monitor



Reliable Mesh Network

- Self proprietary wireless control node
- Reliable node to node, gateway to node communication
- Up to 1000 nodes per network
- Max. network diameter 2000m



Easy-to-use Platform

- Easy monitor on each and all lights status
- Support lighting policy remote set-up
- Cloud server accessible from computer or hand held device

System Topology

Fig1. Wired connection mode

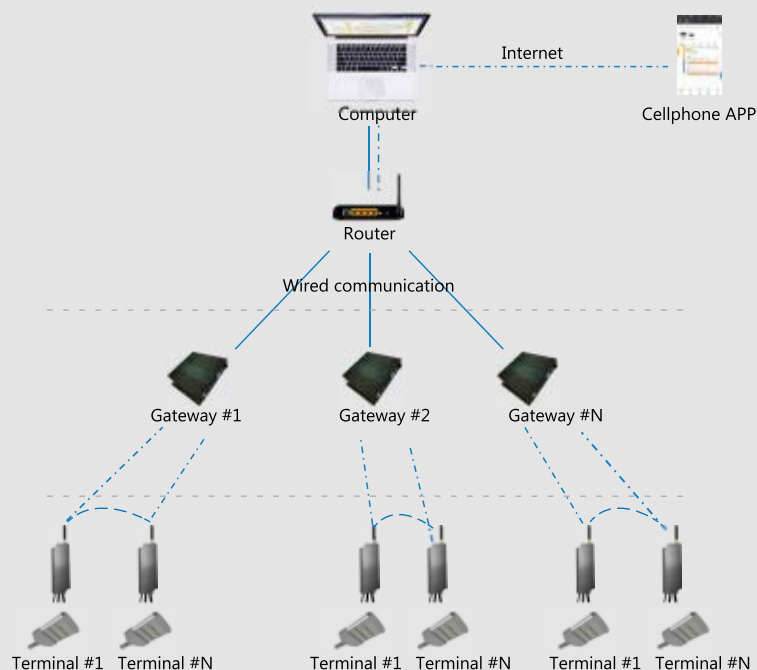
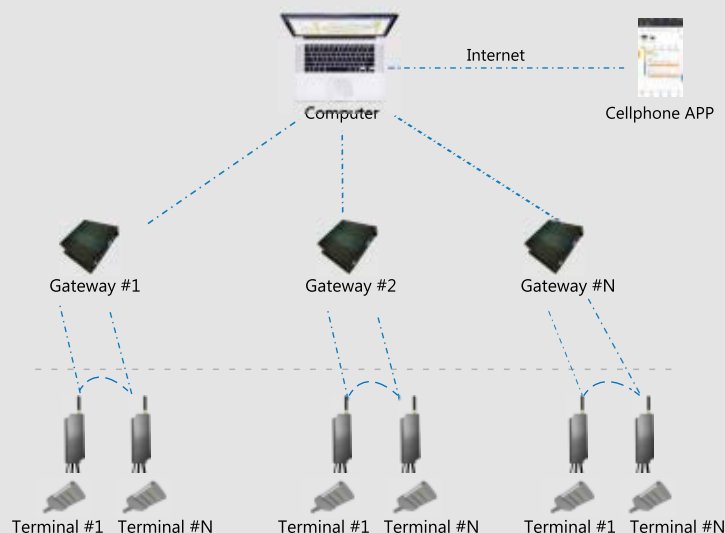


Fig2. Wireless connection mode

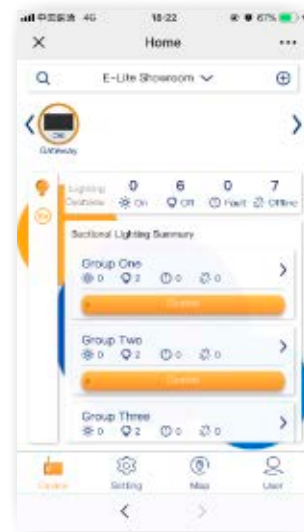


iNET™ IoT Intelligent Lighting Control System

iNET CLOUD



Software for Server



Cellphone APP

Product Description

iNET Cloud provides a cloud-based central management system(CMS) for provisioning, monitoring, controlling and analyzing lighting systems. This secure platform helps cities, utilities and operators reduce energy usage and maintenance costs, while also increasing safety. iNET Cloud integrates automated asset monitoring of controlled lighting with real-time data capture, providing access to critical system data such as power consumption and fixture failure. The result is improved maintenance and operational savings. iNET also facilitates development of other IoT applications.

Operation

Users access iNET Cloud securely over the Internet via a web browser on a computer or mobile device to manage, monitor, and control lighting networks. iNET Cloud includes a modern and intuitive graphical map with representative illustrations of individual control devices. For indoor applications, a floor plan is integrated with the map application for seamless control. Managers can set up notifications for critical alerts to update maintenance staff about faults in real time.

Features and Benefits

- Scales to thousands of locations with a unified single user interface for all.
- Accessible via browser on laptop, tablet or smartphone using highly secure encrypted communication.
- Enables monitoring assets in real time, validating and auditing energy code compliance, and identifying performance changes over time.
- E-mails and SMS notifications for fixture failures and other critical faults to improve lighting system up-time.
- Simplifies real-time schedule overrides using graphical map and floor plan views.
- Works with motion and photocell sensors to reduce energy use and extend lamp life.

iNET™ IoT Intelligent Lighting Control System

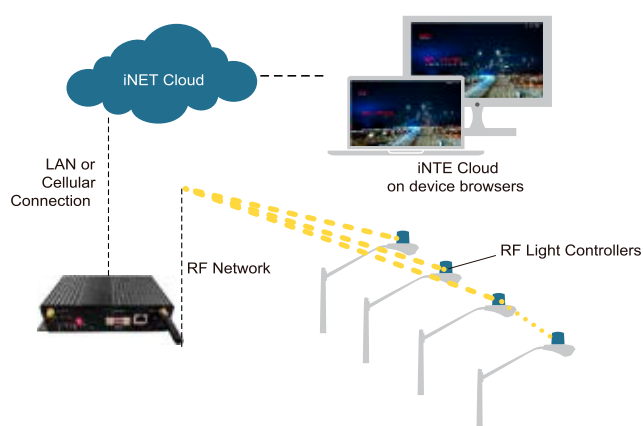
iNET CLOUD

Platform

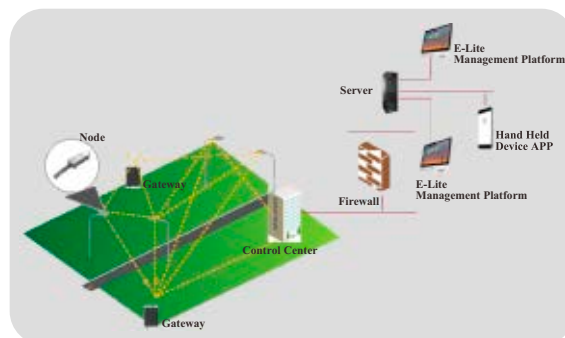
- iNET Cloud is a multi-tenant solution, developed using upto-date web technologies, which is portable across various platforms and web interfaces. The user interface is supported on modern browsers including Chrome, Firefox and Edge.

Security

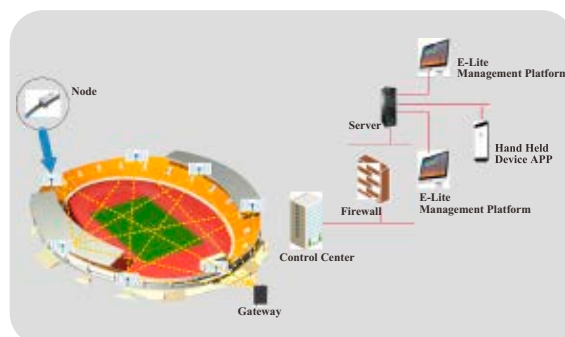
- iNET Cloud is built on a highly secured platform. The security measures are applied at various levels through the system. All the communication interfaces with iNET use SSL encryption with AES security. It also provides rolebased user access which can be restricted at different levels of a geozone hierarchy. The iNET Cloud password policy requires users to create strong passwords based on industrial standards. The timeout mechanism after multiple failed login attempts also prevents attacks.



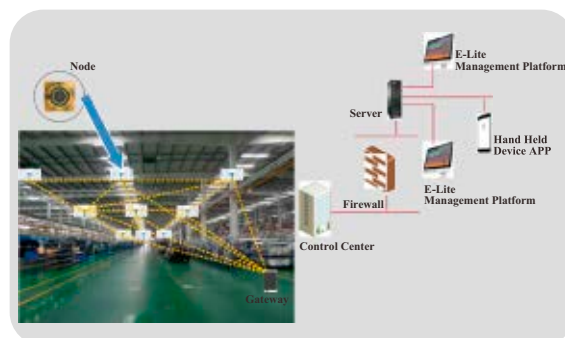
Typical smart city or campus RF communication network.



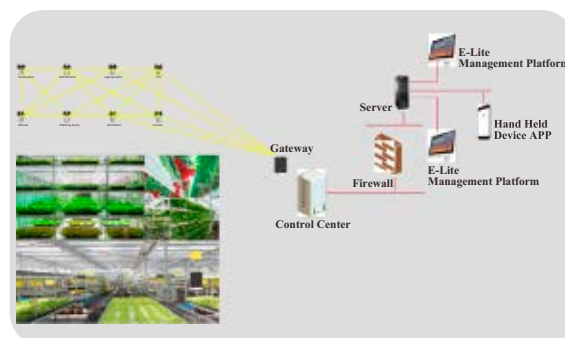
E-Lite Street Lighting & Control Network



Sports Complex Lighting & Control Network



Industrial Complex Lighting & Control Network



Agricultural Lighting & Control Network

iNET™ IoT Intelligent Lighting Control System

iNET CLOUD

System Description

- **Asset Management:** Users can create, import, export and modify any device attribute, such as pole information (coordinates, pole type, etc.) and fixture information (pre/post installation wattage, lamp type, etc.). Users can search assets by name, unique ID numbers, model numbers, etc., to locate the correct asset for updating or editing. iNET also performs GIS to GPS matching on devices to correlate the pole IDs with according devices, eliminating the need to record the individual device IDs during installation.
- **Monitoring and Control:** iNET Cloud provides a map-based interface to monitor and control all the lighting assets. The mapping function is also extended to floor plans for internal structures such as parking garages. Users can view the fixture status (on, off, dim), device health, etc., and perform overrides from the map/floor plans. When viewing alarms on the map, users can easily locate and troubleshoot faulty devices and configure replacement devices. User can also request collected data including wattage, current, etc. for specific assets or all data point.
- **Grouping and Scheduling:** iNET Cloud allows logical grouping of assets for event scheduling. The scheduling engine provides the flexibility to assign multiple schedules to a group, thereby keeping the regular and special events on separate schedules and avoiding user setup errors. The scheduling engine determines the daily schedule based on the event priority and sends appropriate information to various groups.
- **Data Collection:** iNET Cloud automatically collects granular data several times a day on various data points including light level, energy use, faults, etc. It enables users to establish different monitoring levels for selected data points such as voltage, current, power factor, etc. for analysis and trouble shooting.
- **Alarming and Logging:** iNET Cloud provides built-in alarms for different asset classes including lights, gateways, etc., which can be configured to send email notifications. The system constantly monitors lighting controllers for failure conditions such as lamp failure, night outages, day burners, etc., and report status several times each day to expedite failure notifications. The map/floor plan view highlights assets with alarms enabling users to quickly and easily locate and troubleshoot problems. The alarm logs maintain a record of the all reported failures by asset, providing a way to search and filter for specific issues. The alarms logs can also be exported as a CSV data file for additional processing.
- **Reporting:** The reporting engine provides several built-in reports that can be run on an individual asset, selected assets, or an entire city. Energy reports provide an easy way to track energy use and compare performance across different lighting assets. Data log reports enable trending selected points (e.g. light level, wattage, schedules, etc.) for a defined period of time to help analyze behavior and track any anomalies. All reports can be exported to CSV or PDF formats.

iNET™ IoT Intelligent Lighting Control System

iNET GATEWAY

Product Description

The Gateway connects installed wireless luminaire controllers with the central management system through an ethernet link for LAN connections or 4G link via an integrated cellular modem. The Gateway supports up to 1,000 controllers up to a 1000m line of sight, ensuring secure and robust communication to your lighting network.



Product Specifications

Cellular and Ethernet Gateway Specifications

•Wireless parameters

- Network type: star-mesh repeater
- IEEE 802.15.4
- Operating frequency: 433 MHz
- RF power: +24 dBm
- Range: 1000m line of sight
- Number of controllers supported: 1,000

•Connectivity

- Cellular: universal 4G carriers
- Ethernet: wired ethernet 10/100

•Mounting and interface

- Mounting: wall or pole

•Operation

- IP rating: NEMA 4x (IP66 certified)
- Temperature range: -30°C ~ +75°C
- Voltage: 120-277(50/60 Hz)

•5-year limited warranty

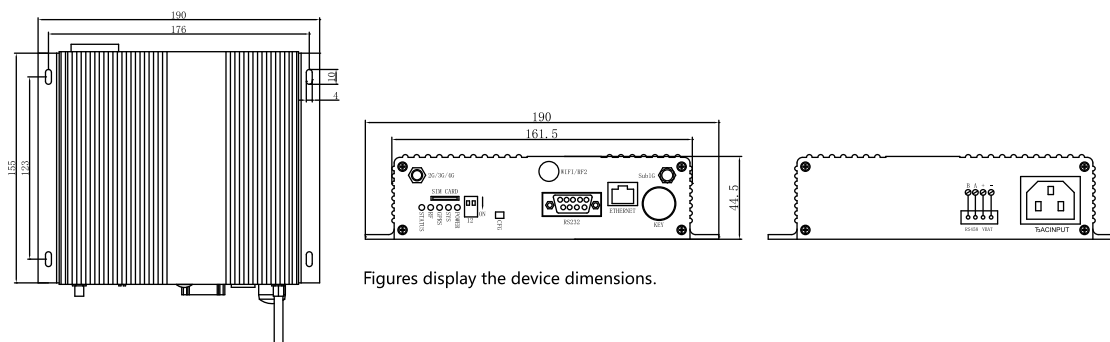
Features/Benefits

- Connects iNET controllers in the field through a secure, reliable, and scalable network to a central management system software.
- Ethernet link for LAN connection or cellular link via built-in 4G modem for compatibility with any wireless carrier service.
- Supports up to 1,000 controllers up to a 1000m line of sight.
- Secure AES 128-bit encryption for wireless data transmission.
- 110 ports for additional sensor input.
- Built-in lightning surge arrester on all antenna ports.
- Works in extended temperature range conditions without service interruptions.

Applications

- Roadway lighting
- High mast lighting
- Site and large areas
- Campuses
- Auto dealerships

Dimensions



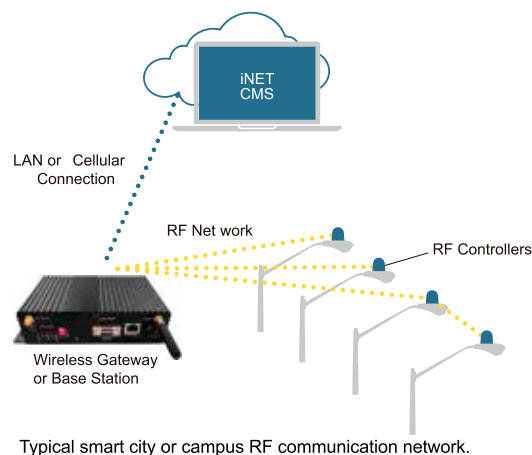
Figures display the device dimensions.

iNET™ IoT Intelligent Lighting Control System

WIRELESS OUTDOOR LIGHTING CONTROLLER NODE

Product Description

The node is a small wireless controller that installs directly to the exterior of the lighting fixture, enabling energy metering, remote monitoring and control. The controller node gathers data regarding the operational condition of lamps, energy usage, voltage, current, power factor, and fixture location that is transmitted over the iNET control network and analyzed by the iNET central management system (CMS) software.



Operation

With the controller, fixtures can be addressed and grouped for unified ON/OFF, high-low stepped dimming with OFF, or 0-10 volt continuous dimming operation. A high end trim setting can enhance energy savings. The node provides adjustable photo - cell thresholds as well as time of day and astronomical clock functionality. It can operate without a network connection using its build-in intelligent control, which can store the data for up to a month. The node also supports peer to peer communications and wireless upgrades.

Features and Benefits

- Wireless communications for remote control, energy management and monitoring
- Provides auxilliary power for sensors
- Interfaces 0-10V driver
- Energy metering calibrated to 0.5% accuracy
- Built-in photocell
- Secure AES encryption
- Supports automatic repeater functionality for optimal coverage
- Mesh network supporting peer to peer communications
- Supports continuous and up-to-the-moment status updates to the CMS
- Integral GPS receiver (optional)

Control parameters

- **Control profiles and interfaces**
 - Power to fixture ON/OFF
 - Bi-level with OFF
 - Continuous dimming control with OFF
 - High end trim for enhanced energy savings
- **Control events and schedules**
 - Calendar based scheduling
 - Scheduled events based on time of day and/or astronomical time
 - Scheduled use of photocell
 - Real-time commands and overrides
- **Photocell daytime override**
- **Data logging**
- **Failure detection and reporting**
- **Photocell thresholds synchronization**
- **Continuous status messages**
- **Over the air flashing (program updates)**

iNET™ IoT Intelligent Lighting Control System

WIRELESS OUTDOOR LIGHTING CONTROLLER NODE

Node-Standard Version

The control node is installed inside the light fixture, normally inside drive box. The node communicates with the gateway using SUB-1GHz protocol (ISM 433 MHz).



Electrical and operational specifications

Basic Specifications	Description
Operating voltage:	100-277VAC, 50/60 Hz
Power switching:	450W
Power consumption	1.5W@ 120/277V
Operating temperature	-40°C ~ +75°C
Surge protection	4KV
Relay protection	Zero crossing
Failsafe	Power ON, lamp level high
Wireless communication	IEEE 802.15.4; 433 MHz 10 channel DSSS (Direct Sequence Spread Spectrum) RF power +22 dBm (250 mW)
Node to node range	1km(line of sight)
Node to gateway range	1km(line of sight)
Range extender	Node can be used as repeater
Input/interface	Motion sensor
Outputs/interfaces	0-10V (sink) dimming, 12VDC (50mA)
Protection	IP66

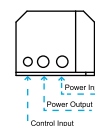
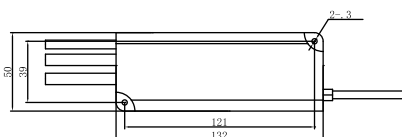
Measurement and Control

The Node is connected to incoming AC mains and the LED driver. Its MCU manages data communication, sensor control, remote switching, fault management and status reporting.

Sensors & Expandability

- The node provides extra I/O ports for outside sensor connection.

Dimensions



Figures display the device dimensions.

iNET™ IoT Intelligent Lighting Control System

WIRELESS OUTDOOR LIGHTING CONTROLLER NODE

Node-NEMA Version (NEMA7)

The NEMA node is installed with the NEMA socket of the light fixture, it is commonly used for street light or area lighting fixtures. The node communicates with the gateway using SUB-1GHz protocol (ISM 433 MHz).



Electrical and operational specifications

Basic Specifications	Description
Operating voltage:	100-277VAC, 50/60 Hz
Power switching:	450W
Power consumption	1.5W@ 120/277V
Operating temperature	-40°C ~ +75°C
Surge protection	4KV
Relay protection	Zero crossing
Failsafe	Power ON, lamp level high
Wireless communication	IEEE 802.15.4; 433 MHz 10 channel DSSS (Direct Sequence Spread Spectrum) RF power +22 dBm (250 mW)
Node to node range	1km(line of sight)
Node to gateway range	1km(line of sight)
Range extender	Node can be used as repeater
Input/interface	Motion sensor
Outputs/interfaces	0-10V (sink) dimming, 12VDC (50mA)
Protection	IP66

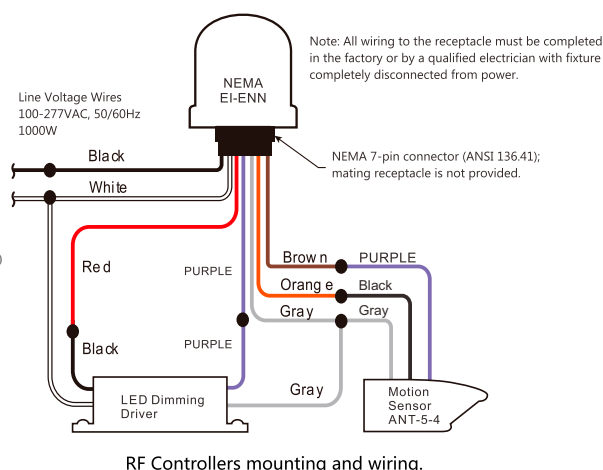
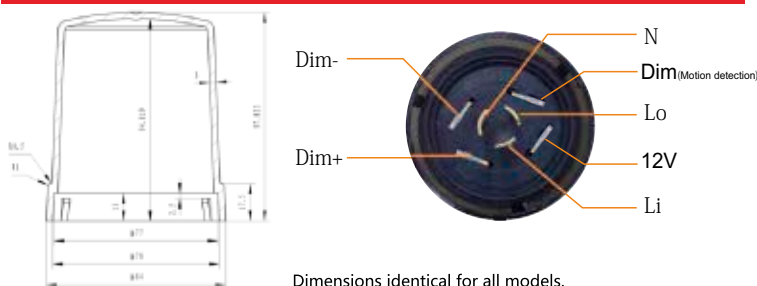
Measurement and Control

The Node is connected to the NEMA socket, which is in serial connection between AC mains and the LED driver. Its MCU manages data communication, sensor control, remote switching, fault management and status reporting.

Sensors & Expandability

- Onboard sensor option - photocell.
- The node provides extra I/O ports for outside sensor connection.

Dimensions and Wiring





SPECIALTY LIGHTING

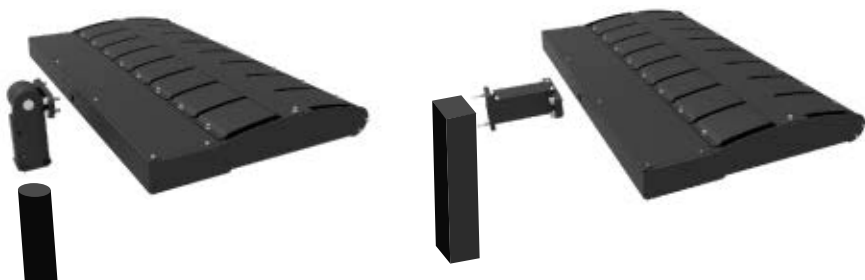
- **Professional Glare Free Tennis Court Light**
- **High Bay & Exterior Lighting for High Temperature Environment**

New Edge™ Series Tennis Court Light

150~155LPW / 240W~600W



- Features**
- System Light Efficacy 150~155LPW.
 - Specific glare free lens design.
 - Minimal light spill outside the court.
 - Extremely high lighting uniformity
 - IP66 water proof.
 - No warm-up time.
 - Five Years Warranty



Specifications for Tennis Court Lighting					
	Horizontal Illuminance	Uniformity of Illuminance	GR	Color Temperature	Color Rendering
	E _h average (lux)	E _{min} /E _h ave	GR	(K)	Ra
Competition	500 ~ 750	>0.7	<30	>4000	>80
Club	300 ~ 500	>0.7	<30	>4000	>70
Recreational	150 ~ 300	>0.6	<50	>2000	>20

New Edge™ Series Tennis Court Light

150~155LPW / 240W~600W

Selection Guide for Court with 6 Poles

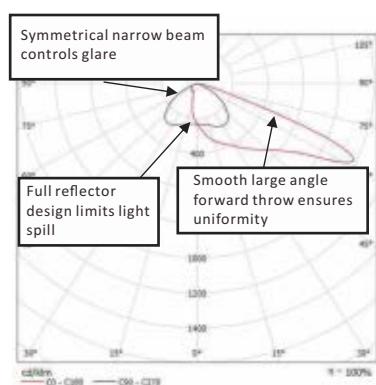
Competition Level	600W E-Lite LED Tennis Court Light
Club Level	400W E-Lite LED Tennis Court Light
Recreational Level	240W E-Lite LED Tennis Court Light



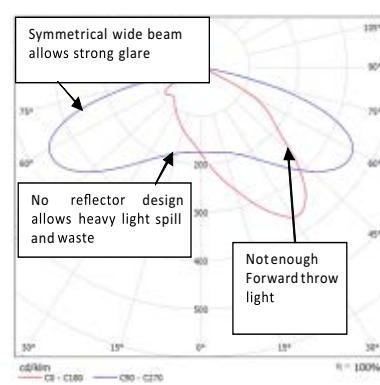
Glare Control & Light Uniformity Comparison

Glare free lens design ensures players' safety and comfortableness.

Photometrics of E-Lite Tennis Court Light



Photometrics of Regular LED Tennis Court Light



Specific photometrics increases the uniformity of light, while reducing the light spill outside the court.




Light-up Effect of
E-Lite Tennis
Court Light

Light-up Effect of
Traditional Light

New Edge™ Series Tennis Court Light

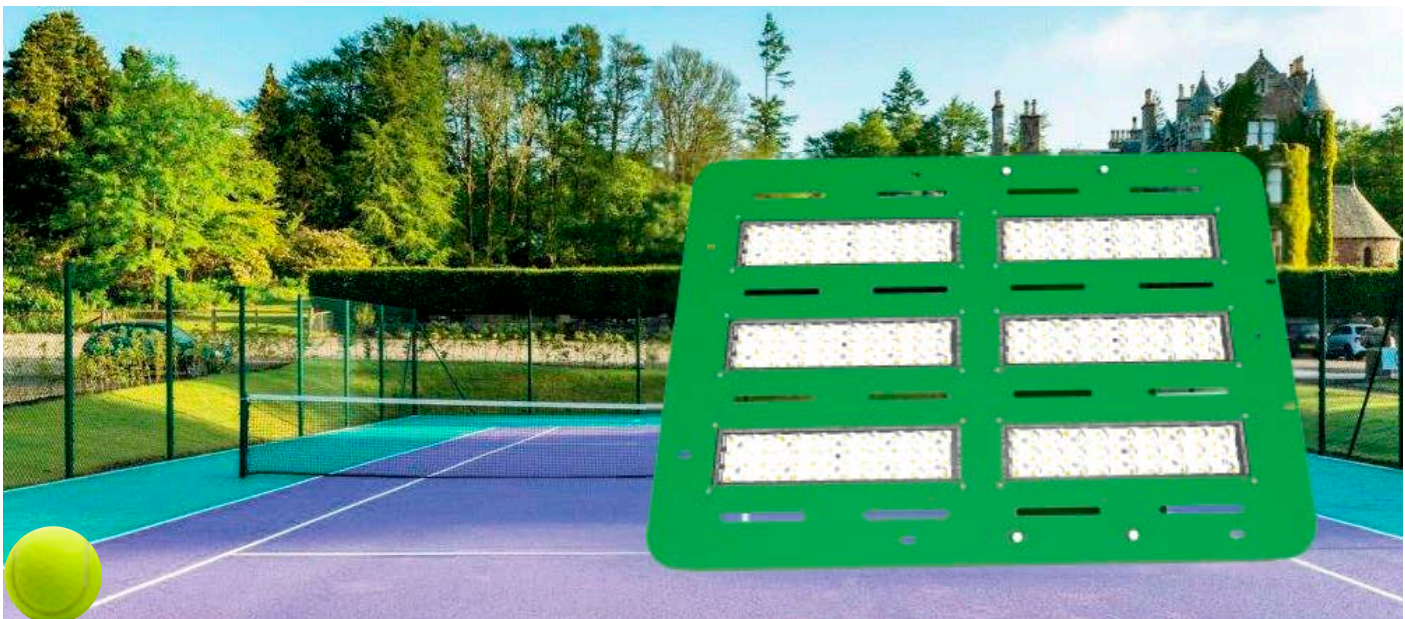
150~155LPW / 240W~600W

■ Specifications

			
Power Consumption	240W	400W	600W
Certification	cETLus	DLC Premium CE RoHS	CB SAA
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	155 lm/W	155 lm/W	150 lm/W
Luminous Flux	37,200 lm	62,000 lm	90,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	5000K	5000K	5000K
Beam Angle	30×120° (TYPE IV-VS)	30×120° (TYPE IV-VS)	30×120° (TYPE IV-VS)
IP Rating	IP66	IP66	IP66
Operating Temperature	-40 to 60° C (-40 to 140° F)	-40 to 60° C (-40 to 140° F)	-40 to 60° C (-40 to 140° F)
Dimensions	684x408x82mm	684x596x82mm	684x784x82mm
Net Weight	7.9 kg	14.8 kg	18.3 kg

New Edge™ Series Tennis Court Light Retrofit Kit

150~155LPW / 240W~600W



■ Features

- System Light Efficacy 150~155LPW.
- Specific glare free lens design.
- Minimal light spill outside the court.
- Extremely high lighting uniformity
- IP66 water proof.
- No warm-up time.
- Five Years Warranty



Specifications for Tennis Court Lighting

	Horizontal Illuminance	Uniformity of Illuminance	GR	Color Temperature	Color Rendering
	E_h average (lux)	E_{min}/E_h ave	GR	(K)	Ra
Competition	500 ~ 750	>0.7	<30	>4000	>80
Club	300 ~ 500	>0.7	<30	>4000	>70
Recreational	150 ~ 300	>0.6	<50	>2000	>20

New Edge™ Series Tennis Court Light Retrofit Kit

150~155LPW / 240W~600W

Selection Guide for Court with 6 Poles

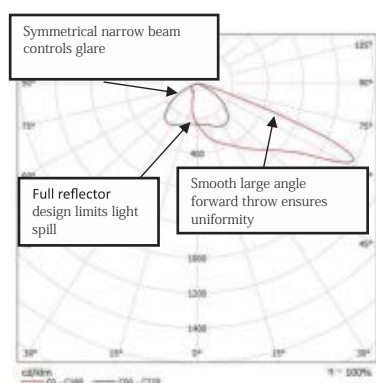
Competition Level	600W E-Lite LED Tennis Court Light
Club Level	400W E-Lite LED Tennis Court Light
Recreational Level	240W E-Lite LED Tennis Court Light



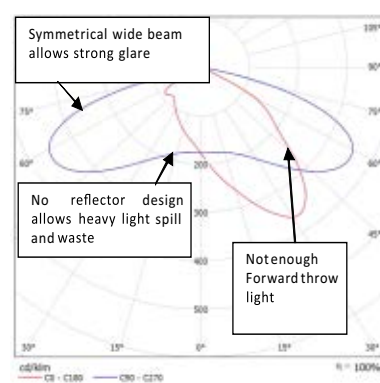
Glare Control & Light Uniformity Comparison

Glare free lens design ensures players' safety and comfortableness.

Photometrics of E-Lite Tennis Court Light



Photometrics of Regular LED Tennis Court Light



Specific photometrics increases the uniformity of light, while reducing the light spill outside the court.



Light-up Effect of
E-Lite Tennis
Court Light

Light-up Effect of
Traditional Light

New Edge™ Series Tennis Court Light Retrofit Kit

150~155LPW / 240W~600W

Specifications

			
Power Consumption	240W	400W	600W
Certification	cETLus DLC Premium CE RoHS		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	155 lm/W	155 lm/W	150 lm/W
Luminous Flux	37,200 lm	62,000 lm	90,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	5000K	5000K	5000K
Beam Angle	30×120° (TYPE IV-VS)	30×120° (TYPE IV-VS)	30×120° (TYPE IV-VS)
IP Rating	IP66	IP66	IP66
Operating Temperature	-40 to 45° C (-40 to 113° F)	-40 to 45° C (-40 to 113° F)	-40 to 45° C (-40 to 113° F)
Dimensions	700x495x150mm	700x495x150mm	700x495x150mm
Net Weight	11.2 kg	16.5 kg	18.9 kg



HIGH BAY & Exterior Lighting

for High Temperature Environment

- For Ambient Temperature up to 60°C/140°F
- For Ambient Temperature up to 80°C/176°F

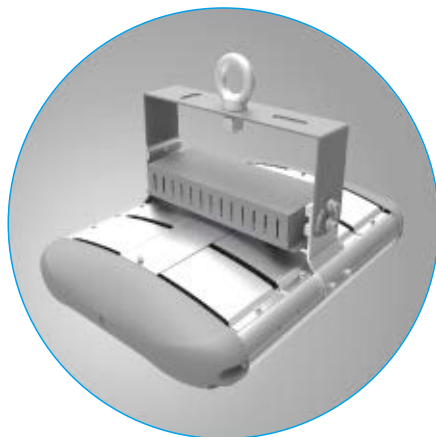
Edge™ Series High Temp High Bay & Flood Light

60°C/140°F / 140LPW / 50W~450W



■ Features




- System Light Efficacy 140 LPW
- Flexible, Modular Design
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- IP66
- 3G Vibration Rated
- Five Years Warranty
- cETLus, DLC Premium, CE, RoHS, WEEE, SAA



Edge™ Series High Temp High Bay & Flood Light

60°C/140°F / 140LPW / 50W~450W



Specifications

			
Power Consumption	50W	100W	150W
Certification	cETLus DLC Premium CE RoHS WEEE SAA		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Mean Well / Inventronics	Mean Well / Inventronics	Mean Well / Inventronics
LED Chip	Osram / Philips Lumileds	Osram / Philips Lumileds	Osram / Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	140 lm/W	140 lm/W	140 lm/W
Luminous Flux	7,000 lm	14,000 lm	21,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70 x 130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70 x 130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70 x 130°, 70×135°, 75×145° 60×150°, 73×133°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	273x366x245mm	308x366x245mm	402x366x245mm
Net Weight	5.2 kg	7.8 kg	9.3 kg

Edge™ Series High Temp High Bay & Flood Light

60°C/140°F / 140LPW / 50W~450W


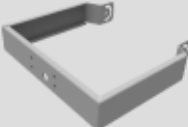

Specifications

			
Power Consumption	200W	300W	450W
Certification	cETLus	DLC Premium CE RoHS WEEE	SAA
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Mean Well / Inventronics	Mean Well / Inventronics	Mean Well / Inventronics
LED Chip	Osram / Philips Lumileds	Osram / Philips Lumileds	Osram / Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	140 lm/W	140 lm/W	140 lm/W
Luminous Flux	28,000 lm	42,000 lm	63,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70×130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70×130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70×130°, 70×135°, 75×145° 60×150°, 73×133°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	496x366x245mm	684x366x245mm	966x366x245mm
Net Weight	10.7 kg	16.5 kg	28 kg

Edge™ Series High Temp High Bay & Flood Light

60°C/140°F / 140LPW / 50W~450W

■ Mounting Bracket Options

	HB Bracket
	180° Bracket
	360° Bracket

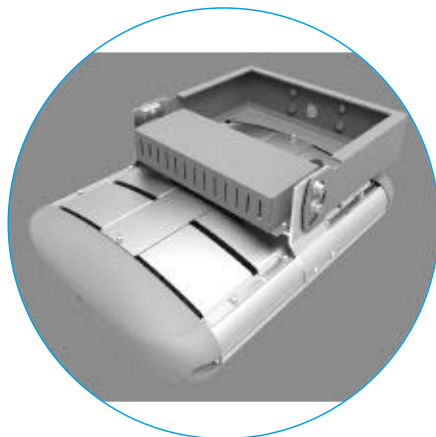
New Edge™ Series High Temp Premium High Bay & Flood Light

60°C/140°F / 180LPW / 50W~450W



■ Features




- System Light Efficacy 180 LPW
- Ultra Bright, Up to 81,000Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series High Temp Premium High Bay & Flood Light

60°C/140°F / 180LPW / 50W~450W




■ Specifications

			
Power Consumption	50W	100W	150W
Certification	CE RoHS WEEE ETL/DLC Pending		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W	180 lm/W
Luminous Flux	9,000 lm	18,000 lm	27,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	273x366x245mm	308x366x245mm	402x366x245mm
Net Weight	5.2 kg	7.8 kg	9.3 kg

New Edge™ Series High Temp Premium High Bay & Flood Light

60°C/140°F / 180LPW / 50W~450W

■ Specifications


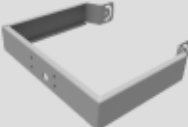

			
Power Consumption	200W	300W	450W
Certification	CE RoHS WEEE ETL/DLC Pending		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W	180 lm/W
Luminous Flux	36,000 lm	54,000 lm	81,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	496x365x224mm	684x365x224mm	966x365x224mm
Net Weight	7.9 kg	14.8 kg	18.3 kg

New Edge™ Series

60°C/140°F / 180LPW / 50W~450W

High Temp Premium High Bay & Flood Light

Mounting Bracket Options

	HB Bracket
	180° Bracket
	360° Bracket

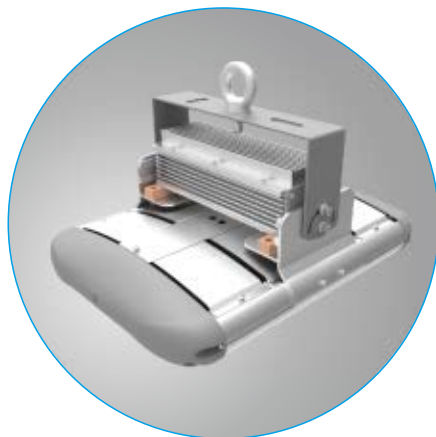
Edge™ Series High Temp High Bay & Flood Light

80°C/176°F / 140LPW / 50W~450W



■ Features




- System Light Efficacy 140 LPW
- Flexible, Modular Design
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- IP66
- 3G Vibration Rated
- Five Years Warranty
- cETLus, DLC Premium, CE, RoHS, WEEE, SAA



Edge™ Series High Temp High Bay & Flood Light

80°C/176°F / 140LPW / 50W~450W

Specifications

			
Power Consumption	50W	100W	150W
Certification	cETLus DLC Premium CE RoHS WEEE SAA		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Mean Well / Inventronics	Mean Well / Inventronics	Mean Well / Inventronics
LED Chip	Osram / Philips Lumileds	Osram / Philips Lumileds	Osram / Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	140 lm/W	140 lm/W	140 lm/W
Luminous Flux	7,000 lm	14,000 lm	21,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70 x 130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70 x 130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70 x 130°, 70×135°, 75×145° 60×150°, 73×133°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)
Dimensions	273x366x245mm	308x366x245mm	402x366x245mm
Net Weight	5.2 kg	7.8 kg	9.3 kg

Edge™ Series High Temp High Bay & Flood Light

80°C/176°F / 140LPW / 50W~450W


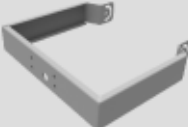

Specifications

			
Power Consumption	200W	300W	450W
Certification	cETLus	DLC Premium CE RoHS WEEE	SAA
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Mean Well / Inventronics	Mean Well / Inventronics	Mean Well / Inventronics
LED Chip	Osram / Philips Lumileds	Osram / Philips Lumileds	Osram / Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	140 lm/W	140 lm/W	140 lm/W
Luminous Flux	28,000 lm	42,000 lm	63,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70×130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70×130°, 70×135°, 75×145° 60×150°, 73×133°	Total 13 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150° 70×130°, 70×135°, 75×145° 60×150°, 73×133°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)
Dimensions	496x366x245mm	684x366x245mm	966x366x245mm
Net Weight	10.7 kg	16.5 kg	28 kg

Edge™ Series High Temp High Bay & Flood Light

80°C/176°F / 140LPW / 50W~450W

■ Mounting Bracket Options

	HB Bracket
	180° Bracket
	360° Bracket

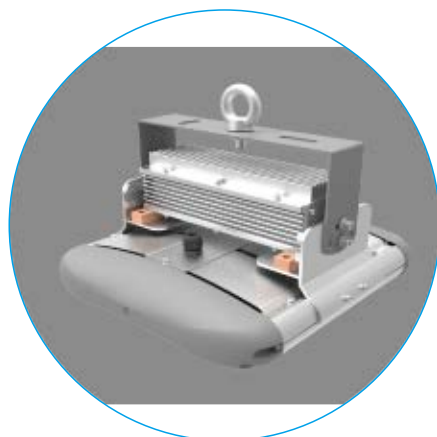
New Edge™ Series High Temp Premium High Bay & Flood Light

80°C/176°F / 180LPW / 50W~450W



■ Features




- System Light Efficacy 180 LPW
- Ultra Bright, Up to 81,000Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series High Temp Premium High Bay & Flood Light

80°C/176°F / 180LPW / 50W~450W




■ Specifications

			
Power Consumption	50W	100W	150W
Certification	CE RoHS WEEE ETL/DLC Pending		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W	180 lm/W
Luminous Flux	9,000 lm	18,000 lm	27,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)
Dimensions	273x366x245mm	308x366x245mm	402x366x245mm
Net Weight	5.2 kg	7.8 kg	9.3 kg

New Edge™ Series High Temp Premium High Bay & Flood Light

80°C/176°F / 180LPW / 50W~450W

■ Specifications


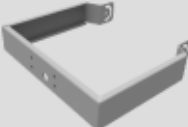

			
Power Consumption	200W	300W	450W
Certification	CE RoHS WEEE ETL/DLC Pending		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W	180 lm/W
Luminous Flux	36,000 lm	54,000 lm	81,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)	-30 to 80°C (-22 to 176°F)
Dimensions	496x365x224mm	684x365x224mm	966x365x224mm
Net Weight	7.9 kg	14.8 kg	18.3 kg

New Edge™ Series

80°C/176°F / 180LPW / 50W~450W

High Temp Premium High Bay & Flood Light

■ Mounting Bracket Options

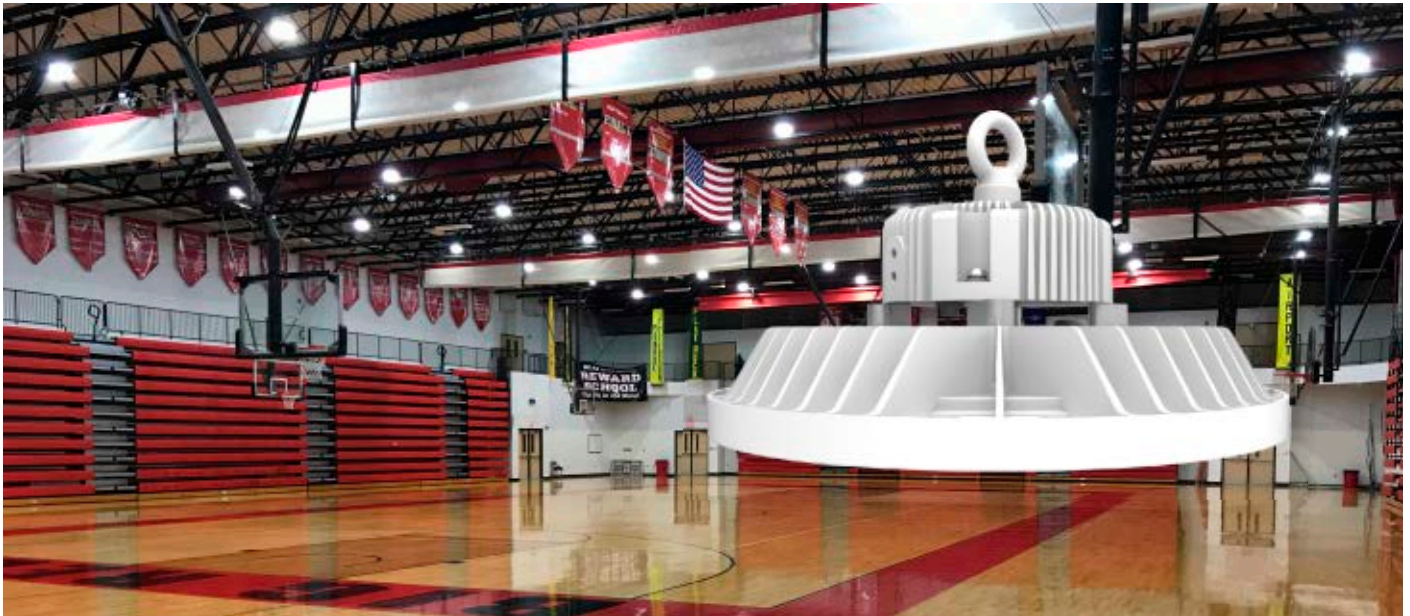
	HB Bracket
	180° Bracket
	360° Bracket



HIGH BAY LIGHTING

Aurora™ Series UFO High Bay

145~150LPW / 100W~300W / 50°C/122°F



Features

- System light efficacy 145~150 LPW
- Optional Plug-and-play Motion Sensor
- Rugged One-piece Die Cast Housing.
- 5 Years warranty
- IP66
- CE, RoHS
- Pending - ETL, DLC Premium, CB, SAA



Dimming Control



- ① With sufficient ambient light, the sensor does not switch on the lamp.

Setting

Daylight sensor : 10lux/30lux/50lux ;



- ② With a low light level, the sensor switches on the lamp when motion is detected.

Setting

Detection sensitivity :
20%/50%/75%/100% ;
Hold-time :
10s/1min/5min/10min/15min/20min/
30min/60min ;



- ③ After hold time, the sensor dims the lamp at a low light level if no new motion trigger.

Setting

Stand-by dimming level :
0%/10%/30%/50% ;
Stand-by period :
1min/30min/60min/+∞






- ④ After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.

Aurora™ Series UFO High Bay

145~150LPW / 100W~300W / 50°C/122°F

■ Specifications

			
Power Consumption	100W	150W	200W
Certification	cETLus	DLC Premium CE RoHS	CB SAA
Input Voltage	AC 100-277 V, AC100-347V AC 277-480V	AC 100-277 V, AC100-347V AC 277-480V	AC 100-277 V, AC100-347V AC 277-480V
LED Driver	Sosen / Inventronics E-Lite / Lifud	Sosen / Inventronics E-Lite / Lifud	Sosen / Inventronics E-Lite / Lifud
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	150 lm/W	150 lm/W	150 lm/W
Luminous Flux	15,000 lm	22,500 lm	30,500 lm
CRI	≥80	≥80	≥80
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~6500K Optional)	4500~5500K (2500~6500K Optional)	4500~5500K (2500~6500K Optional)
Beam Angle	Total 4 Optics 60° Ribbed Lens 90° Ribbed Lens 90° Reflector 120° Diffused Dome Lens	Total 4 Optics 60° Ribbed Lens 90° Ribbed Lens 90° Reflector 120° Diffused Dome Lens	Total 4 Optics 60° Ribbed Lens 90° Ribbed Lens 90° Reflector 120° Diffused Dome Lens
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	311×311×169mm	311×311×169mm	311×311×169mm
Net Weight	3.4 kg	3.4 kg	3.4 kg

Aurora™ Series UFO High Bay

145~150LPW / 100W~300W / 50°C/122°F












■ Specifications

		
Power Consumption	240W	300W
Certification	cETLus DLC Premium CE RoHS CB SAA	
Input Voltage	AC 100-277 V, AC100-347V AC 277-480V	AC 100-277 V, AC100-347V AC 277-480V
LED Driver	Sosen / Inventronics E-Lite / Lifud	Sosen / Inventronics E-Lite / Lifud
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	145 lm/W	150 lm/W
Luminous Flux	34,800 lm	45,000 lm
CRI	≥80	≥70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~6500K Optional)	4500~5500K (2500~6500K Optional)
Beam Angle	Total 4 Optics 60° Ribbed Lens 90° Ribbed Lens 90° Reflector 120° Diffused Dome Lens	Total 4 Optics 60° Ribbed Lens 90° Ribbed Lens 90° Reflector 120° Diffused Dome Lens
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	311×311×169mm	382×382×182mm
Net Weight	3.4 kg	6.0 kg

Aurora™ Series UFO High Bay

145~150LPW / 100W~300W / 50°C/122°F

■ Accessories

	Plug-and-play Microwave Motion Sensor
	Hang Ring
	Hook Ring
	Standard U Bracket
	Reflector 1/2' NPT Nipple
	Chain Mount
	60° Ribbed Lens (PC)
	90° Ribbed Lens (PC)
	120° Diffused Dome Lens (PC)
	90° Reflector (PC)
	Protection Mask

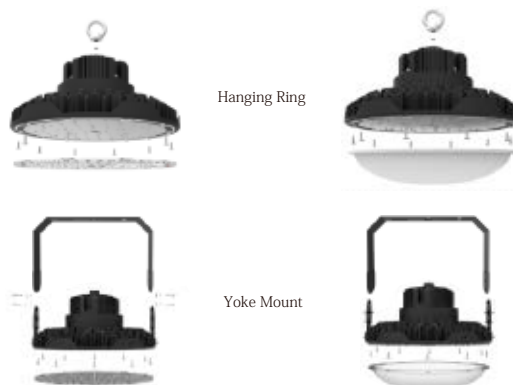
Apollo™ Series Round High Bay

170LPW / 100W~150W / 45°C/113°F



■ Features

- System Light Efficacy 170 LPW
- Low Profile Disc Design
- Multiple Choices of Optical Lenses
- IP65
- Multiple Sensor Options
- Light Weight & Easy Installation/maintenance
- 5 Years Warranty
- cETLus, DLC Premium , CE, RoHS, CB, WEEE



Apollo™ Series Round High Bay

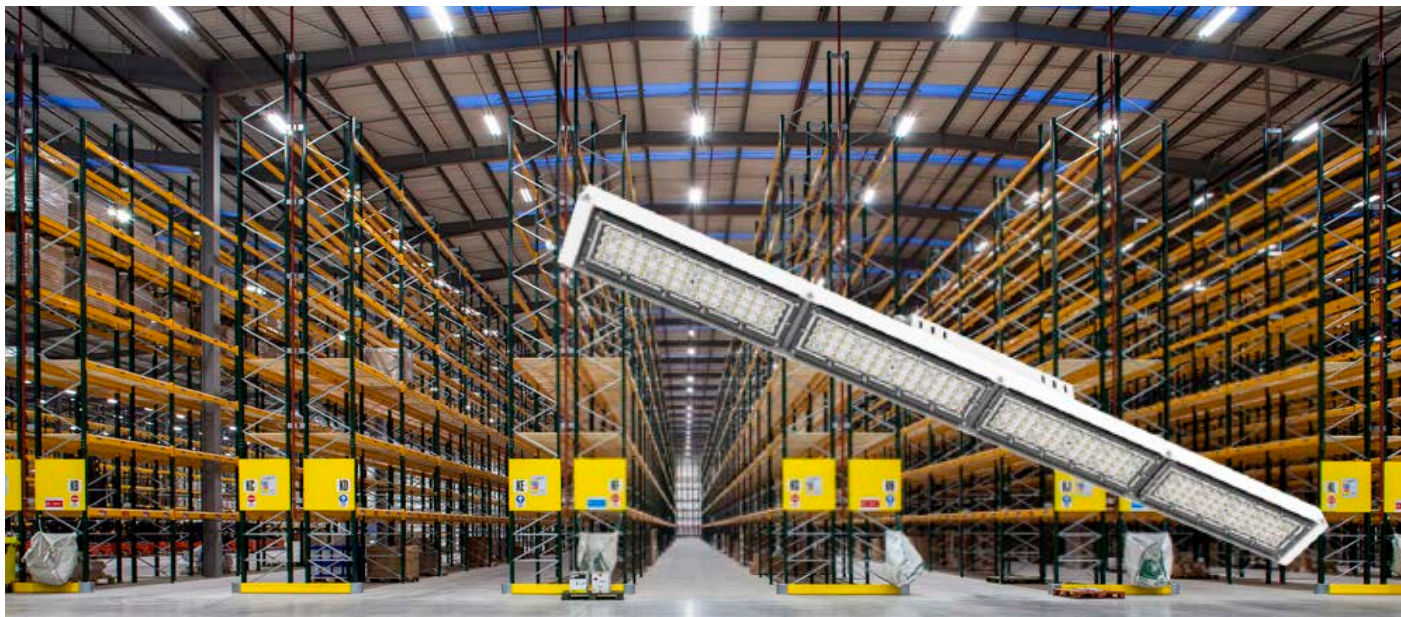
170LPW / 100W~150W / 45°C/113°F

■ Specifications

		
Power Consumption	100W	150W
Certification	cETLus DLC Premium CE RoHS CB WEEE	
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	Mean Well / Sosen	Mean Well / Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	170 lm/W	170 lm/W
Luminous Flux	17,000 lm	25,500 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 3 Optics 60° Lens 120° Clear Lens 120° Diffused Lens	Total 3 Optics 60° Lens 120° Clear Lens 120° Diffused Lens
IP Rating	IP65	IP65
Operating Temperature	-30°C ~ 45°C / -22°F ~ 113°F	-30°C ~ 45°C / -22°F ~ 113°F
Dimensions	320×320×200mm	320×320×200mm
Net Weight	4.4 kg	4.9 kg

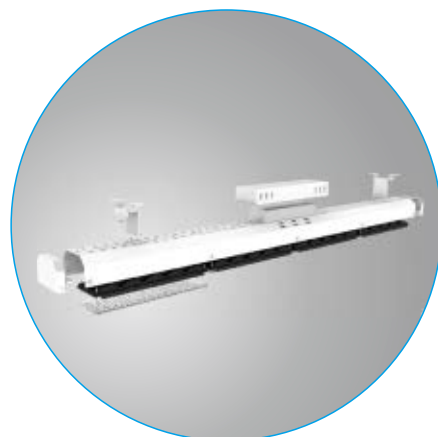
LitePro™ Series Linear High Bay

140LPW / 50W~200W / 45°C/113°F



■ Features

- System Light Efficacy 140 LPW
- Flexible, Modular Design
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- IP66
- Five Years Warranty
- cETLus, DLC Premium, CE, RoHS, SAA



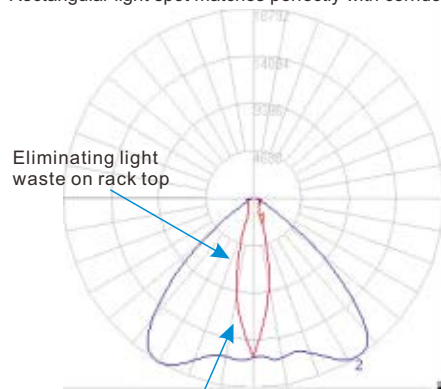
LitePro™ Series Linear High Bay

140LPW / 50W~200W / 45°C/113°F

Photometric Comparison: 100W Light Fixture

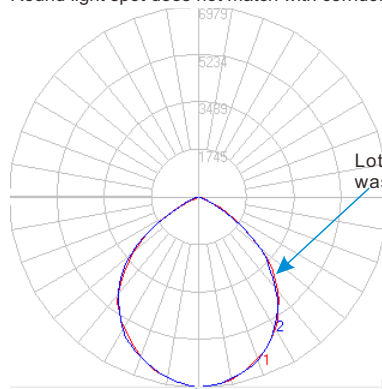
1) E-Lite Specially Designed High Bay

Rectangular light spot matches perfectly with corridor



2) Regular High Bay

Round light spot does not match with corridor

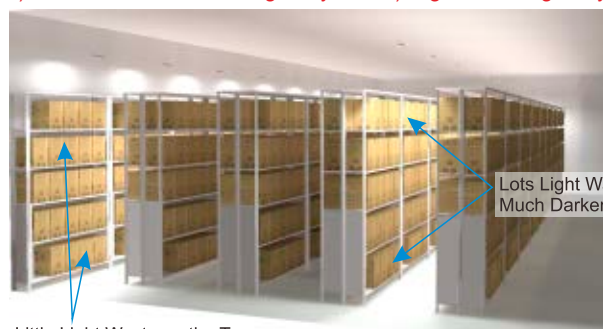


Simulation Comparison

Side View

1) E-Lite 30×100° Linear High Bay

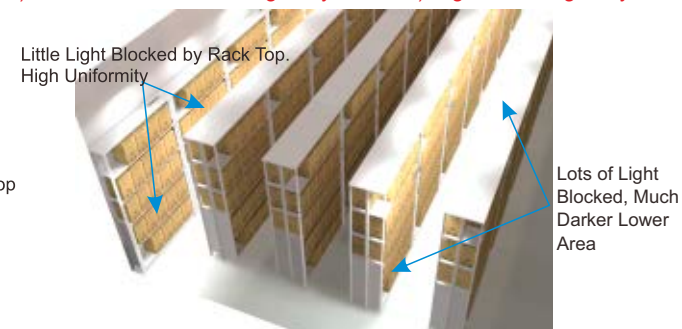
2) Regular 90° High Bay



Top View

1) E-Lite 30×100° Linear High Bay

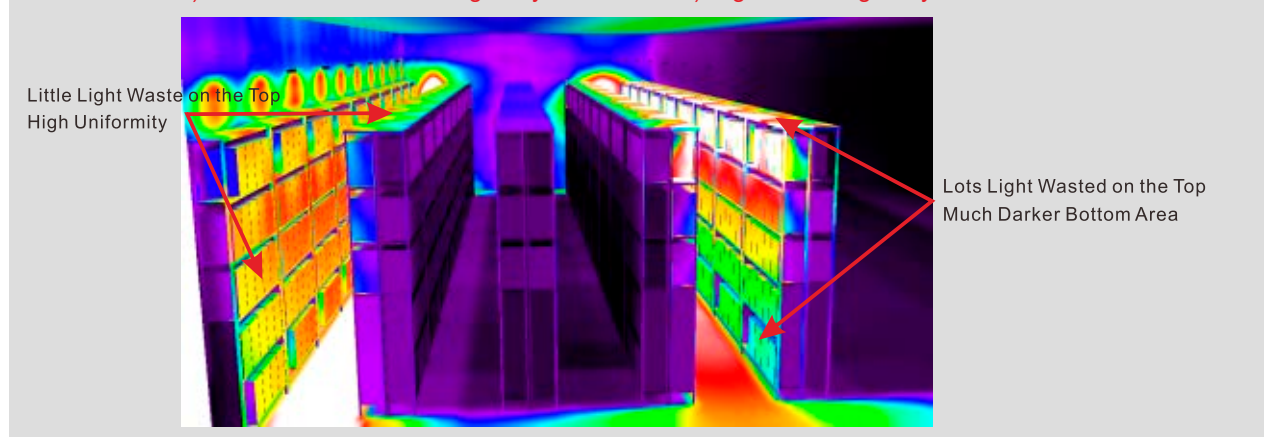
2) Regular 90° High Bay



Simulation Comparison — Color Image

1) E-Lite 30×100° Linear High Bay

2) Regular 90° High Bay



LitePro™ Series Linear High Bay

140LPW / 50W~200W / 45°C/113°F

■ Specifications

		
Power Consumption	50W	100W
Certification	cETLus DLC Premium	CE RoHS SAA
Input Voltage	AC 100~277 V / AC 220~480 V	AC 100~277 V / AC 220~480 V
LED Driver	Sosen / E-Lite	Sosen / E-Lite
LED Chip	CREE / Philips Lumileds	CREE / Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	135 lm/W	145 lm/W
Luminous Flux	6,750 lm	14,500 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 8 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150°	Total 8 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	329x103x96mm	623x103x96mm
Net Weight	2.0 kg	3.2 kg

LitePro™ Series Linear High Bay

140LPW / 50W~200W / 45°C/113°F

■ Specifications

		
Power Consumption	150W	200W
Certification	cETLus DLC Premium	CE RoHS SAA
Input Voltage	AC 100~277 V / AC 220~480 V	AC 100~277 V / AC 220~480 V
LED Driver	Sosen / E-Lite	Sosen / E-Lite
LED Chip	CREE / Philips Lumileds	CREE / Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	145 lm/W	145 lm/W
Luminous Flux	21,750 lm	29,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 8 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150°	Total 8 Optics 30×100°, 60×100° 20°, 30°, 50°, 90°, 110°, 150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	917x103x96mm	1211x103x96mm
Net Weight	4.7 kg	6.1 kg

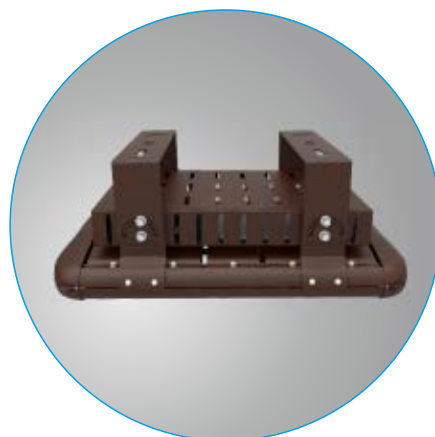
New Edge™ Series Modular High Bay

165LPW / 120W~600W / 50°C/122°F



■ Features

- System Light Efficacy 165 LPW
- Ultra Bright, Up to 96,000Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series Modular High Bay

165LPW / 120W~600W / 50°C/122°F

■ Specifications

			
Power Consumption	120W	200W	300W
Certification	cETLus	DLC Premium CE RoHS	CB
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	160 lm/W	165 lm/W	165 lm/W
Luminous Flux	19,200 lm	33,000 lm	49,500 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 9 Optics 40×100°, 60×100° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 9 Optics 40×100°, 60×100° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 9 Optics 40×100°, 60×100° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	221x366x145mm	308x366x145mm	402x366x145mm
Net Weight	5.4 kg	6.5 kg	7.5 kg

New Edge™ Series Modular High Bay

165LPW / 120W~600W / 50°C/122°F

■ Specifications

		
Power Consumption	400W	600W
Certification	cETLus DLC Premium	CE RoHS CB
Input Voltage	AC 100~277 V / AC 220~480 V	AC 100~277 V / AC 220~480 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	165 lm/W	160 lm/W
Luminous Flux	66,000 lm	96,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 9 Optics 40×100°, 60×100° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 9 Optics 40×100°, 60×100° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	496x366x145mm	590x366x145mm
Net Weight	7.9 kg	12.5 kg



SPORTS LIGHTING

HIGH MAST LIGHTING

GENERAL FLOOD LIGHTING

New Edge™ Series Modular Premium Light Fixture

180LPW / 50W~450W / 60°C/140°F



■ Features




- System Light Efficacy 180 LPW
- Ultra Bright, Up to 81,000Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series Modular Premium Light Fixture

180LPW / 50W~450W / 60°C/140°F




■ Specifications

			
Power Consumption	50W	100W	150W
Certification	CE RoHS ETL/DLC Pending		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W	180 lm/W
Luminous Flux	9,000 lm	18,000 lm	27,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 22°, 30°, 45°, 60°, 90°, 110°, 150° 70×135°, 75×150°, 80×150°	Total 13 Optics 40×100°, 60×100°, 60×120° 22°, 30°, 45°, 60°, 90°, 110°, 150° 70×135°, 75×150°, 80×150°	Total 13 Optics 40×100°, 60×100°, 60×120° 22°, 30°, 45°, 60°, 90°, 110°, 150° 70×135°, 75×150°, 80×150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	214x365x225mm	308x365x224mm	402x365x224mm
Net Weight	3.2 kg	5.8 kg	6.4 kg

New Edge™ Series Modular Premium Light Fixture

180LPW / 50W~450W / 60°C/140°F




■ Specifications

			
Power Consumption	200W	300W	450W
Certification	CE RoHS ETL/DLC Pending		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W	180 lm/W
Luminous Flux	36,000 lm	54,000 lm	81,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 22°, 30°, 45°, 60°, 90°, 110°, 150° 70×135°, 75×150°, 80×150°	Total 13 Optics 40×100°, 60×100°, 60×120° 22°, 30°, 45°, 60°, 90°, 110°, 150° 70×135°, 75×150°, 80×150°	Total 13 Optics 40×100°, 60×100°, 60×120° 22°, 30°, 45°, 60°, 90°, 110°, 150° 70×135°, 75×150°, 80×150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	496x365x224mm	684x365x224mm	966x365x224mm
Net Weight	7.9 kg	14.8 kg	18.3 kg

New Edge™ Series Modular Premium Light Fixture

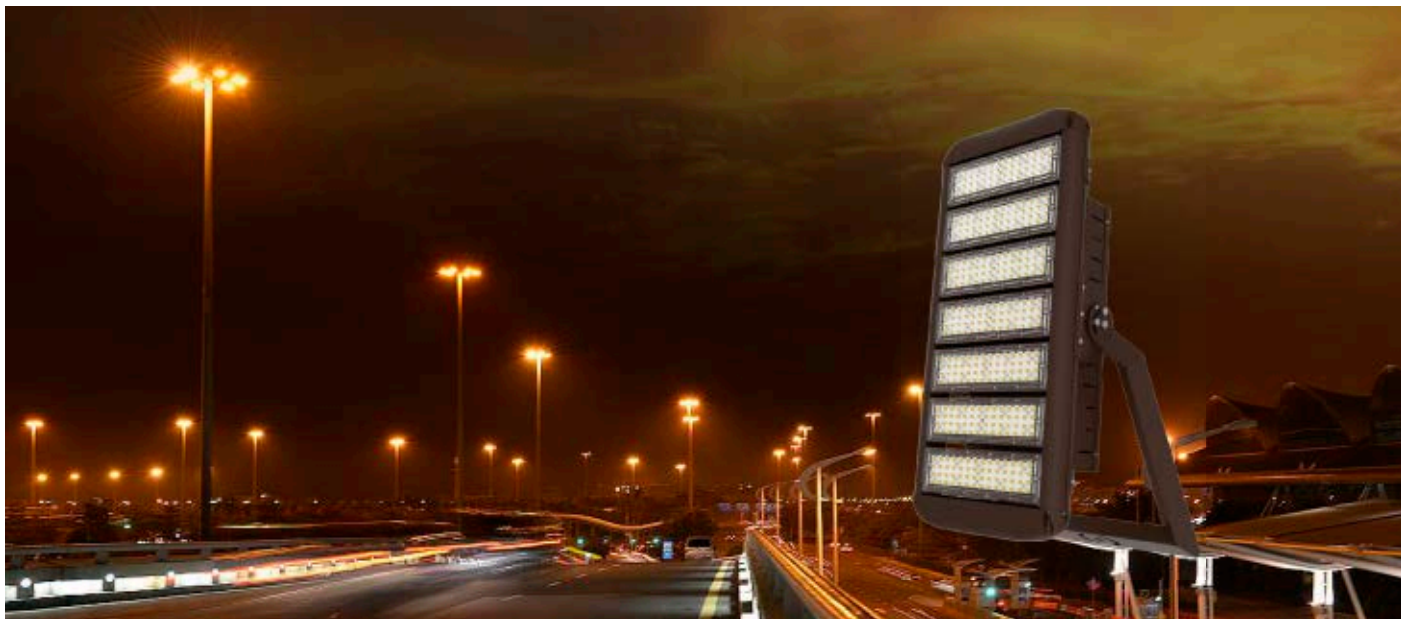
180LPW / 50W~450W / 60°C/140°F

■ Mounting Bracket Options

	HB Bracket
	180° Bracket
	360° Bracket

New Edge™ Series Modular Light Fixture

165LPW / 120W~1200W / 50°C/122°F



■ Features




- System Light Efficacy 165 LPW
- Ultra Bright, Up to 192,000Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series Modular Light Fixture

165LPW / 120W~1200W / 50°C/122°F



■ Specifications

			
Power Consumption	120W	200W	300W
Certification	cETLus	DLC Premium CE RoHS	CB
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	160 lm/W	165 lm/W	165 lm/W
Luminous Flux	19,200 lm	33,000 lm	49,500 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	412x300x175mm	412x397x175mm	412x494x175mm
Net Weight	5.4 kg	6.5 kg	7.5 kg

New Edge™ Series Modular Light Fixture

165LPW / 120W~1200W / 50°C/122°F



■ Specifications

			
Power Consumption	400W	600W	800W
Certification	cETLus	DLC Premium	CE RoHS CB
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	165 lm/W	160 lm/W	160 lm/W
Luminous Flux	66,000 lm	96,000 lm	128,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	412x560x175mm	412x734x175mm	412x888x175mm
Net Weight	7.9 kg	12.5 kg	17.5 kg

New Edge™ Series Modular Light Fixture

165LPW / 120W~1200W / 50°C/122°F




■ Specifications

		
Power Consumption	960W	1200W
Certification	cETLus DLC Premium	CE RoHS CB
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	160 lm/W	160 lm/W
Luminous Flux	153,600 lm	192,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°	Total 13 Optics 40×100°, 60×100°, 60×120° 70×135°, 75×150°, 80×150° 22°, 30°, 45°, 60°, 90°, 110°, 150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	412x982x175mm	412x1076x175mm
Net Weight	20.3 kg	25.7 kg

New Edge™ Series Modular Light Fixture

165LPW / 120W~1200W / 50°C/122°F

■ Mounting Bracket Options

	HB Bracket
	180° Bracket
	360° Bracket

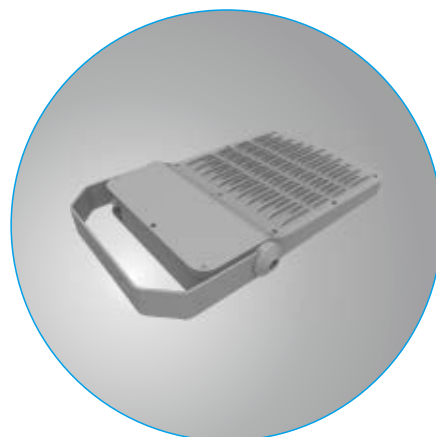
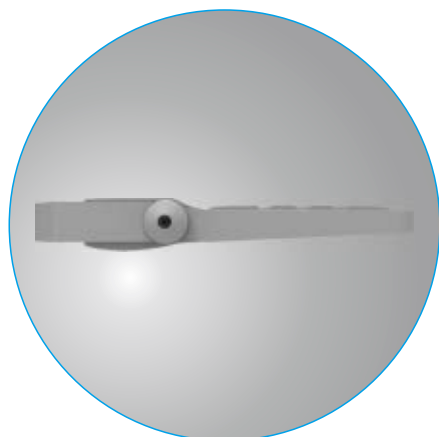
Ion™ Series Area & Flood Light

130LPW / 30W~400W / 50°C/122°F



■ Features

- System light efficacy 130 LPW
- Rugged One-piece Die Cast Housing.
- 5 Years warranty
- IP66
- CE, RoHS
- Pending - ETL, DLC Premium, CB, SAA



Ion™ Series Area & Flood Light

130LPW / 30W~400W / 50°C/122°F


Specifications

			
Power Consumption	30W	50W	70W
Certification	cETLus	DLC Premium CE RoHS	CB SAA
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	Inventronics / E-Lite	Inventronics / E-Lite	Inventronics / E-Lite
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	132 lm/W	129 lm/W	133 lm/W
Luminous Flux	3,960lm	6,450lm	9,310lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 9 Opt 30°,60°, 90° 70x140°,70x150°, 95x150°	Total 9 Opt 25°,60°,90° 55x150°, 60x150°,75x150°	Total 9 Opt 30°,60°, 90° 70x140°,70x150°, 95x150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	320×224×50mm	320×224×50mm	421×291×62mm
Net Weight	3.5 kg	3.5 kg	5.2 kg

Ion™ Series Area & Flood Light

130LPW / 30W~400W / 50°C/122°F

Specifications

			
Power Consumption	100W	150W	200W
Certification	cETLus	DLC Premium CE RoHS	CB SAA
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	Inventronics / E-Lite	Inventronics / E-Lite	Inventronics / E-Lite
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥ 0.95	≥ 0.95	≥ 0.95
Efficacy	132 lm/W	130 lm/W	130 lm/W
Luminous Flux	13,200lm	19,500lm	26,000lm
CRI	≥ 70	≥ 70	≥ 70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 9 Opt 25°, 60°, 90° 55x150°, 60x150°, 75x150°	Total 9 Opt 30°, 60°, 90° 70x140°, 70x150°, 95x150°	Total 9 Opt 25°, 60°, 90° 55x150°, 60x150°, 75x150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	320×224×50mm	320×224×50mm	421×291×62mm
Net Weight	5.2 kg	12.2 kg	12.2 kg

Ion™ Series Area & Flood Light

130LPW / 30W~400W / 50°C/122°F

■ Specifications

		
Power Consumption	300W	400W
Certification	cETLus DLC Premium CE RoHS CB SAA	
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	Inventronics / E-Lite	Inventronics / E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	133 lm/W	132 lm/W
Luminous Flux	39,900lm	52,800lm
CRI	≥70	≥70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 9 Opt 30°, 60°, 90° 70x140°, 70x150°, 95x150°	Total 9 Opt 25°, 60°, 90° 55x150°, 60x150°, 75x150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	620×450×84mm	620×450×84mm
Net Weight	14 kg	14 kg



Roadway & Area Lighting

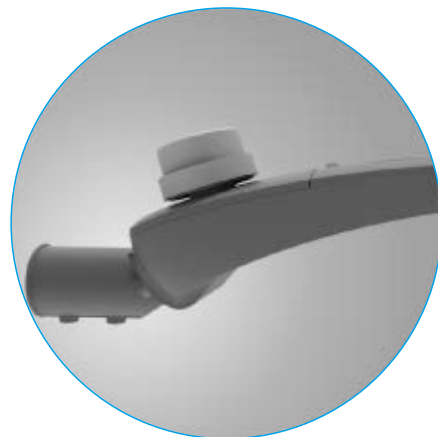
Phantom™ Series Die Cast Cobra-head Street Light

135LPW / 30W~200W / 45°C/113°F



■ Features


- Efficacy 135 LPW.
- Slim Cobra Head Design.
- One-piece Die-cast Aluminum Housing With Integral Mounting For Strength And Durability.
- Easy Installation, Direct Slide-in Mount.
- Multiple Choices of Optical Lenses
- IP66
- Three to Five Years Warranty
- cETLus, DLC Premium, CE, RoHS



Phantom™ Series Die Cast Cobra-head Street Light

135LPW / 30W~200W / 45°C/113°F

Specifications

			
Power Consumption	30W	60W	90W
Certification	cETLus DLC Premium CE RoHS		
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	135 lm/W	135 lm/W	135 lm/W
Luminous Flux	4,050 lm	8,100 lm	12,150 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 3 Optics 70 x 140°(TYPE II -S) 70 x 150°(TYPE II -M) 90 x 145°(TYPE II -S)	Total 3 Optics 70 x 140°(TYPE II -S) 70 x 150°(TYPE II -M) 90 x 145°(TYPE II -S)	Total 3 Optics 70 x 140°(TYPE II -S) 70 x 150°(TYPE II -M) 90 x 145°(TYPE II -S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	520x212x90mm	520x212x90mm	616x259x186mm
Net Weight	4.0 kg	5.5 kg	5.5 kg

Phantom™ Series Die Cast Cobra-head Street Light

135LPW / 30W~200W / 45°C/113°F

Specifications

			
Power Consumption	120W	150W	200W
Certification	cETLus DLC Premium CE RoHS		
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	135 lm/W	135 lm/W	135 lm/W
Luminous Flux	16,200 lm	20,250 lm	27,000 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 3 Optics 70 x 140°(TYPE II -S) 70 x 150°(TYPE II -M) 90 x 145°(TYPE II -S)	Total 3 Optics 70 x 140°(TYPE II -S) 70 x 150°(TYPE II -M) 90 x 145°(TYPE II -S)	Total 3 Optics 70 x 140°(TYPE II -S) 70 x 150°(TYPE II -M) 90 x 145°(TYPE II -S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	677x305x187mm	677x305x187mm	850x366x198mm
Net Weight	7.5 kg	7.5 kg	11.5 kg

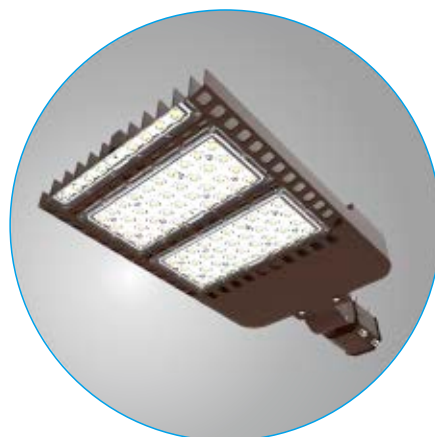
Orion™ Series Die Cast Area and Roadway Light

130~150LPW / 50W~300W / 50°C/122°F



■ Features




- Efficacy 130~150 LPW.
- Weather-proof One Piece Die-cast Aluminum Housing
- Top Grade UV Resistance Polycarbonate Lens
- Easy Installation & Maintenance
- IoT Smart Control Compatible
- 10-year Warranty Available Upon Request
- CE, RoHS, ETL, DLC



Orion™ Series Die Cast Area and Roadway Light

130~150LPW / 50W~300W / 50°C/122°F


Specifications

			
Power Consumption	50W	100W	150W
Certification	CE RoHS cETLus DLC		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Meanwell / Inventronics Sosen / Philips	Meanwell / Inventronics Sosen / Philips	Meanwell / Inventronics Sosen / Philips
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	150 lm/W	145 lm/W	130 lm/W
Luminous Flux	7,500 lm	14,500 lm	19,500 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 2 Optics 90 x 150°(TYPE III-S) 130°(TYPE V-S)	Total 2 Optics 90 x 150°(TYPE III-S) 130°(TYPE V-S)	Total 2 Optics 90 x 150°(TYPE III-S) 130°(TYPE V-S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	485x300x75mm	485x300x75mm	485x300x75mm
Net Weight	4.5 kg	4.5 kg	4.5 kg

Orion™ Series Die Cast Area and Roadway Light

130~150LPW / 50W~300W / 50°C/122°F

■ Specifications

			
Power Consumption	200W	240W	300W
Certification	CE RoHS cETLus DLC		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Meanwell / Inventronics Sosen / Philips	Meanwell / Inventronics Sosen / Philips	Meanwell / Inventronics Sosen / Philips
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	145 lm/W	150 lm/W	145 lm/W
Luminous Flux	29,000 lm	36,000 lm	43,500 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 2 Optics 90 x 150°(TYPE III-S) 130°(TYPE V-S)	Total 2 Optics 90 x 150°(TYPE III-S) 130°(TYPE V-S)	Total 2 Optics 90 x 150°(TYPE III-S) 130°(TYPE V-S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	620x300x75mm	790x300x75mm	790x300x75mm
Net Weight	5.9 kg	8.4 kg	8.4 kg

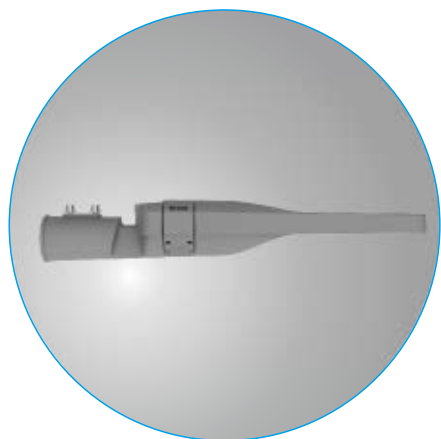
Icon™ Series Tool Free Die Cast Street Light

135LPW / 60W~200W / 45°C/113°F



■ Features

- Efficacy 135 LPW.
- Tool Free Access to Driver Box.
- Rugged One-piece Die Cast Housing.
- Easy Installation, Direct Slide-in Mount.
- Multiple Choices of Optical Lenses
- IP66.
- Five Years Warranty.



Icon™ Series Tool Free Die Cast Street Light

135LPW / 60W~200W / 45°C/113°F

■ Specifications

		
Power Consumption	50W	100W
Certification	CE RoHS CB	
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Mean Well / E-Lite	Mean Well / E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	135 lm/W	135 lm/W
Luminous Flux	6,750 lm	13,500 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 3 Optics 80 x 135°(TYPE III-VS) 80 x 150°(TYPE II-S) 100 x 150°(TYPE III-S)	Total 3 Optics 80 x 135°(TYPE III-VS) 80 x 150°(TYPE II-S) 100 x 150°(TYPE III-S)
IP Rating	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	577×233×103mm	627×272×103mm
Net Weight	4.0 kg	5.0 kg

Icon™ Series Tool Free Die Cast Street Light

135LPW / 60W~200W / 45°C/113°F

■ Specifications

		
Power Consumption	150W	200W
Certification	CE RoHS CB	
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Mean Well / E-Lite	Mean Well / E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	135 lm/W	135 lm/W
Luminous Flux	20,250 lm	27,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 3 Optics 80 x 135°(TYPE III-VS) 80 x 150°(TYPE II-S) 100 x 150°(TYPE III-S)	Total 3 Optics 80 x 135°(TYPE III-VS) 80 x 150°(TYPE II-S) 100 x 150°(TYPE III-S)
IP Rating	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	627×272×103mm	767×300×103mm
Net Weight	5.0 kg	6.5 kg

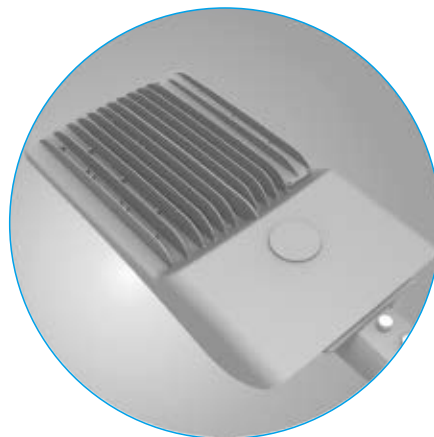
Oasis™ Series Die Cast Street Light

150LPW / 40W~240W / 50°C/122°F



■ Features

- System Efficacy up to 165 LPW.
- One-piece Die-cast Aluminum Housing With Integral Mounting For Strength And Durability.
- Easy Installation, Direct Slide-in Mount.
- PC Lens
- Powder Coated for Better Sand Storm and Corrosion Protection
- IP66
- 5 to 7 Years Warranty
- CE, RoHS



Oasis™ Series Die Cast Street Light

150LPW / 40W~240W / 50°C/122°F

Specifications

			
Power Consumption	40W	55W	70W
Certification	CE RoHS		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	165 lm/W	160 lm/W	158 lm/W
Luminous Flux	6,600 lm	8,800 lm	11,060 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 1 Optics 80 x 155°(TYPE II -S)	Total 1 Optics 80 x 155°(TYPE II -S)	Total 1 Optics 80 x 155°(TYPE II -S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	664x314x103.6mm	664x314x103.6mm	664x314x103.6mm
Net Weight	6.3 kg	6.4 kg	6.44 kg

Oasis™ Series Die Cast Street Light

150LPW / 40W~240W / 50°C/122°F

Specifications

			
Power Consumption	90W	100W	120W
Certification	CE RoHS		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	157 lm/W	153 lm/W	145 lm/W
Luminous Flux	14,130 lm	15,300 lm	17,400 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 1 Optics 80 x 155°(TYPE II -S)	Total 1 Optics 80 x 155°(TYPE II -S)	Total 1 Optics 80 x 155°(TYPE II -S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	664x314x103.6mm	664x314x103.6mm	664x314x103.6mm
Net Weight	6.65 kg	6.65 kg	6.76 kg

Oasis™ Series Die Cast Street Light

150LPW / 40W~240W / 50°C/122°F

■ Specifications

		
Power Consumption	150W	180W
Certification	CE	RoHS
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	135 lm/W	150 lm/W
Luminous Flux	20,250 lm	27,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 1 Optics 80 x 155°(TYPE II -S)	Total 1 Optics 80 x 155°(TYPE II -S)
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	664x314x103.6mm	826x312x103.6mm
Net Weight	6.76 kg	8.5 kg

Oasis™ Series Die Cast Street Light

150LPW / 40W~240W / 50°C/122°F

■ Specifications

		
Power Consumption	200W	240W
Certification	CE	RoHS
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	145 lm/W	135 lm/W
Luminous Flux	29,000 lm	32,400 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 1 Optics 80 x 155°(TYPE II -S)	Total 1 Optics 80 x 155°(TYPE II -S)
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	826x312x103.6mm	826x312x103.6mm
Net Weight	8.5 kg	8.6 kg

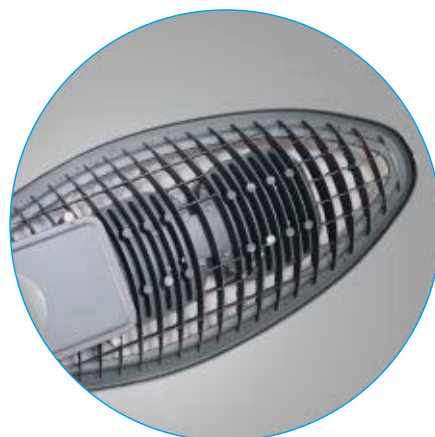
Bravo™ Series Light Weight Street Light

135LPW / 50W~150W



■ Features

- Efficacy 135 LPW.
- Rugged One-piece Die Cast Housing.
- Easy Installation, Direct Slide-in Mount.
- IP66.
- Five Years Warranty.



Bravo™ Series Light Weight Street Light

135LPW / 50W~150W

Specifications

			
Power Consumption	50W	100W	150W
Certification	CE RoHS		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen / E-Lite	Sosen / E-Lite	Sosen / E-Lite
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	135 lm/W	135 lm/W	135 lm/W
Luminous Flux	6,750 lm	13,500 lm	20,250 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	5000K	5000K	5000K
Beam Angle	100 x 150°(TYPE III-S)	100 x 150°(TYPE III-S)	100 x 150°(TYPE III-S)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	570×215×71mm	685×215×71mm	810×215×71mm
Net Weight	1.72 kg	3.3 kg	3.94 kg

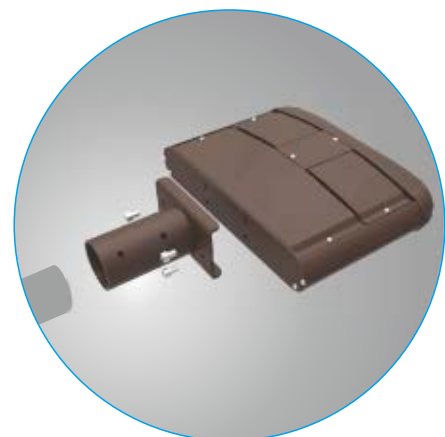
New Edge™ Series High Temp Roadway & Area Light

165LPW / 120W~300W / 60°C/140°F



■ Features




- System Light Efficacy 165 LPW
- Ultra Bright, Up to 49,500Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series High Temp Roadway & Area Light

165LPW / 120W~300W / 60°C/140°F




■ Specifications

			
Power Consumption	120W	200W	300W
Certification	cETLus DLC Premium CE RoHS		
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥ 0.95	≥ 0.95	≥ 0.95
Efficacy	160 lm/W	165 lm/W	165 lm/W
Luminous Flux	19,200 lm	33,000 lm	49,500 lm
CRI	≥ 70	≥ 70	≥ 70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	493×362×80mm	587×362×80mm	681×362×80mm
Net Weight	5.4 kg	6.5 kg	7.5 kg

New Edge™ Series High Temp Roadway & Area Light

165LPW / 120W~300W / 60°C/140°F

■ Mounting Bracket Options

	Slip Fitter
	Side Arm
	Slide-in Mount

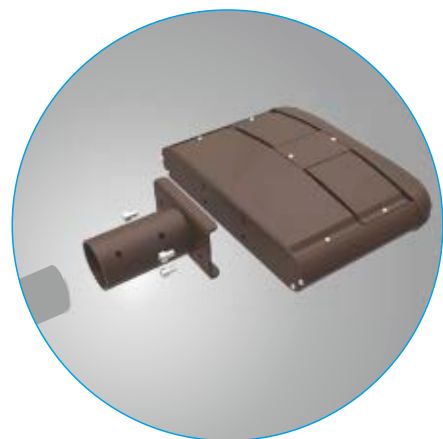
New Edge™ Series High Temp Premium Roadway & Area Light

180LPW / 50W~200W / 60°C/140°F



■ Features

- System Light Efficacy 180 LPW
- Ultra Bright, Up to 36,000Lm
- Flexible, Modular Design
- 3G Vibration Rated
- Multiple Choices of Optical Lenses
- Easy Installation & Maintenance
- Five Years Warranty
- IP66



New Edge™ Series High Temp Premium Roadway & Area Light

180LPW / 50W~200W / 60°C/140°F

■ Specifications

		
Power Consumption	50W	100W
Certification	CE RoHS	ETL/DLC Pending
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W
Luminous Flux	9,000 lm	18,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)
IP Rating	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	503×358×82mm	597×358×82mm
Net Weight	5.4 kg	6.5 kg

New Edge™ Series High Temp Premium Roadway & Area Light

180LPW / 50W~200W / 60°C/140°F

■ Specifications




		
Power Consumption	150W	200W
Certification	CE RoHS	ETL/DLC Pending
Input Voltage	AC 100~277 V/ AC 200~480 V	AC 100~277 V/ AC 200~480 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	180 lm/W	180 lm/W
Luminous Flux	27,000 lm	36,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>150,000 Hrs	L70>150,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)	Total 12 Optics 40×100°(TYPE I -VS) ,60×100°(TYPE I -VS) 70×135°(TYPE II -S) ,75×150°(TYPE III -M) 80×150°(TYPE III -S) ,22°(TYPE VS) 30°(TYPE VS) ,45°(TYPE VS) 60°(TYPE VS) ,90°(TYPE VS) 110°(TYPE VS) ,150°(TYPE VS)
IP Rating	IP66	IP66
Operating Temperature	-30 to 60°C (-22 to 140°F)	-30 to 60°C (-22 to 140°F)
Dimensions	711×362×85mm	805×362×85mm
Net Weight	7.5 kg	8.6 kg

New Edge™ Series

180LPW / 50W~200W / 60°C/140°F

High Temp Premium Roadway & Area Light

■ Mounting Bracket Options

	Slip Fitter
	Side Arm
	Slide-in Mount



WALL PACK LIGHTING

Diamond™ Series Traditional Die Cast Wall Pack

130LPW / 40W~150W / 45°C/113°F



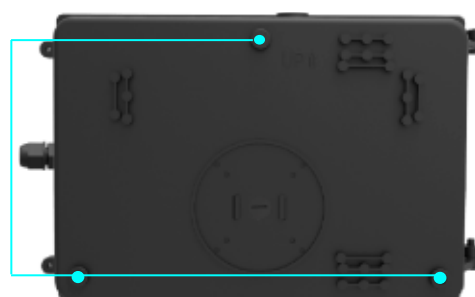
■ Features

- System Light Efficacy 130 LPW
- Easy Installation & Maintenance
- UL1598 Wet Locations
- Five Years Warranty
- cETLus, DLC Premium



Drill Holes Mounting

Open the fixture and drill holes on required mounting points, holes MUST not exceed 19/64", warranty will be void if holes exceed 19/64" or are made in any other part of the Wall Pack.



Diamond™ Series Traditional Die Cast Wall Pack

130LPW / 40W~150W / 45°C/113°F

Specifications

			
Power Consumption	40W	60W	90W
Certification	cETLus DLC		
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite	E-Lite
LED Chip	Cree	Cree	Cree
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	130 lm/W	130 lm/W	130 lm/W
Luminous Flux	5,200 lm	7,800 lm	11,700 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	120°	120°	120°
IP Rating	IP65	IP65	IP65
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	360×235×195mm	360×235×195mm	360×235×195mm
Net Weight	3.45 kg	7.35 kg	7.35 kg

Diamond™ Series Traditional Die Cast Wall Pack

130LPW / 40W~150W / 45°C/113°F

■ Specifications

		
Power Consumption	120W	150W
Certification	cETLus	DLC
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite
LED Chip	Cree	Cree
Power Factor	≥0.95	≥0.95
Efficacy	130 lm/W	130 lm/W
Luminous Flux	15,600 lm	19,500 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	120°	120°
IP Rating	IP65	IP65
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	464×231×235mm	464×231×235mm
Net Weight	7.6 kg	7.6 kg

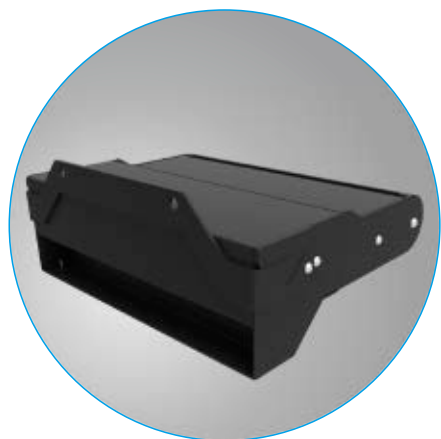
LitePro™ Series Adjustable Modular Wall Pack

140LPW / 40W~120W / 45°C/113°F



■ Features

- System Light Efficacy 140 LPW
- Easy Installation & Maintenance
- Multiple Choices of Optical Lenses
- Flexible, Modular Design
- Five Years Warranty
- IP65



LitePro™ Series Adjustable Modular Wall Pack

140LPW / 40W~120W / 45°C/113°F

■ Specifications

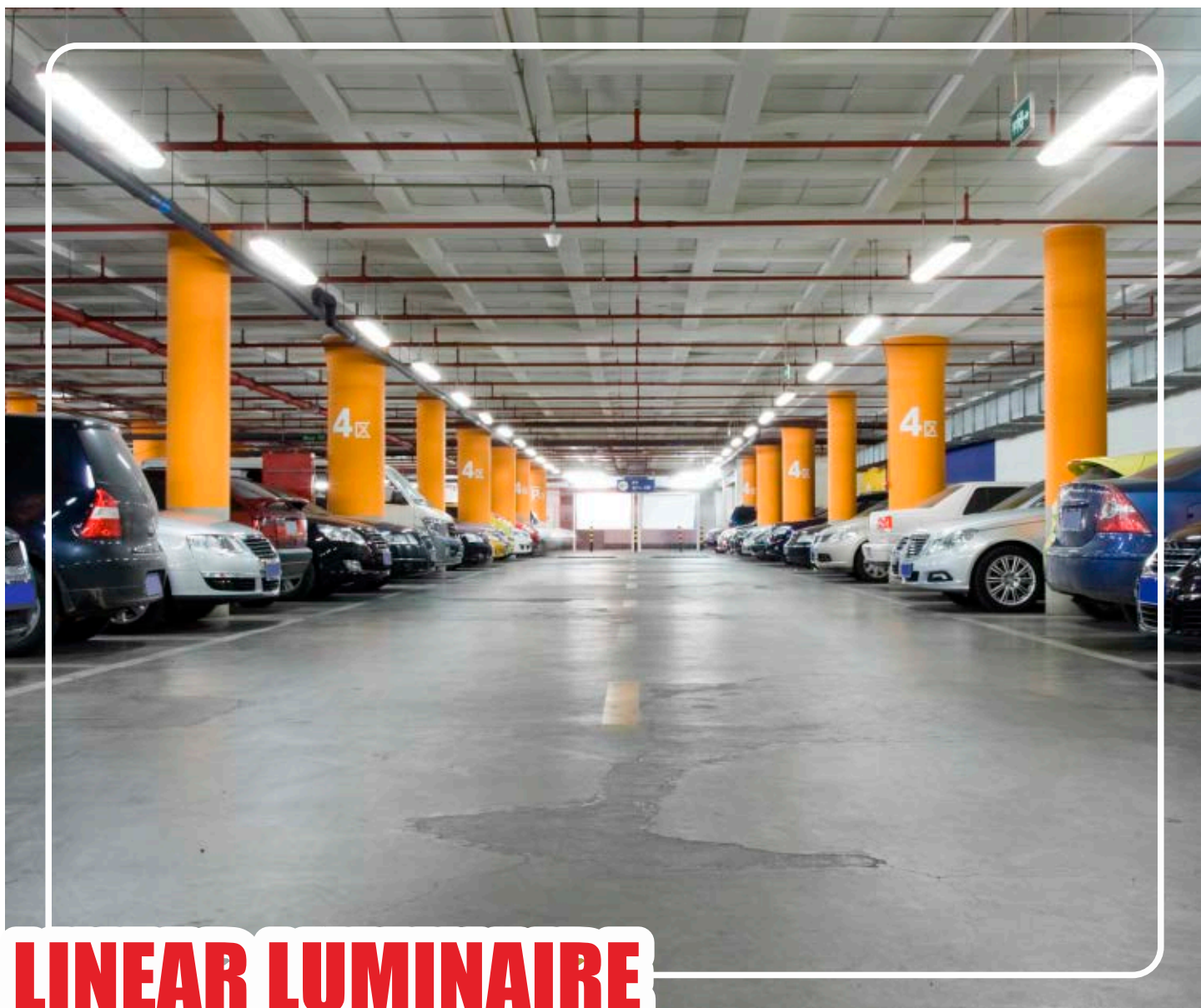
		
Power Consumption	40W	60W
Certification	cETLus DLC Premium CE RoHS	
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	140 lm/W	130 lm/W
Luminous Flux	5,600 lm	7,800 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 4 Optics 70×135°, 75×145° 60×150°, 73×133°	Total 4 Optics 70×135°, 75×145° 60×150°, 73×133°
IP Rating	IP65	IP65
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	275x300x100mm	275x300x100mm
Net Weight	4.0 kg	4.0 kg

LitePro™ Series Adjustable Modular Wall Pack

140LPW / 40W~120W / 45°C/113°F

■ Specifications

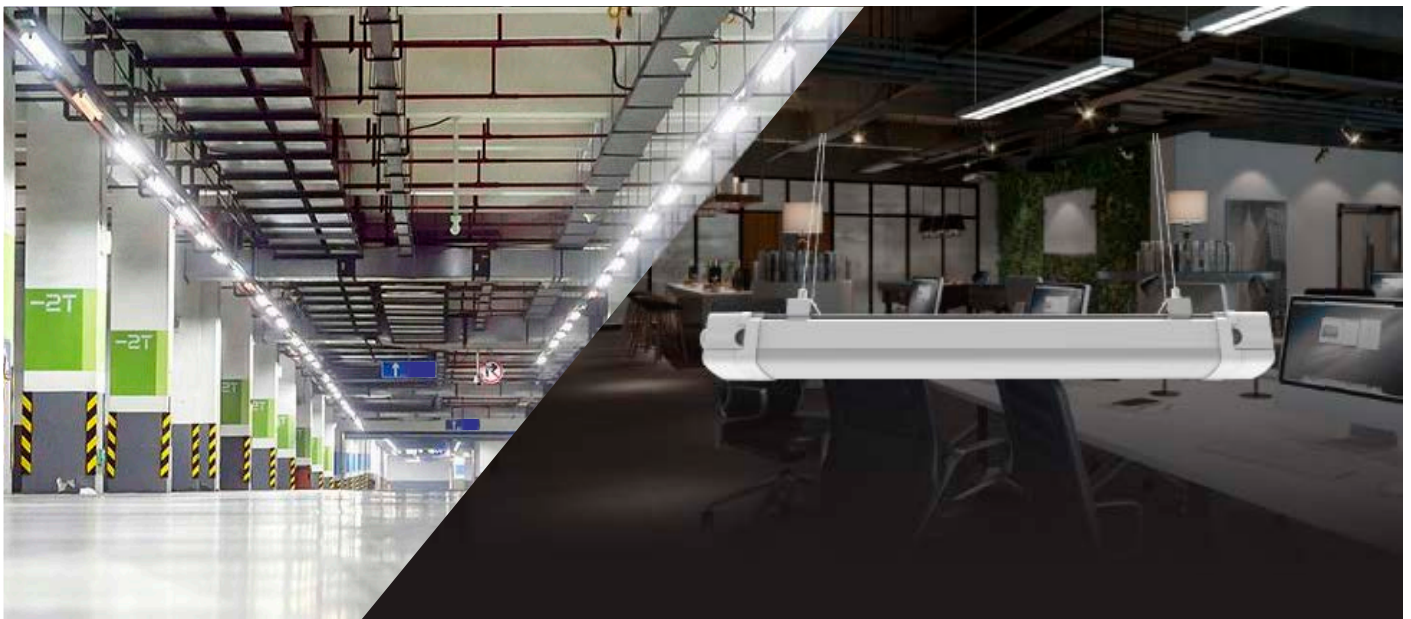
		
Power Consumption	90W	120W
Certification	cETLus DLC Premium CE RoHS	
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	140 lm/W	130 lm/W
Luminous Flux	12,600 lm	15,600 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 4 Optics 70×135°, 75×145° 60×150°, 73×133°	Total 4 Optics 70×135°, 75×145° 60×150°, 73×133°
IP Rating	IP65	IP65
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	375x300x100mm	375x300x100mm
Net Weight	5.0 kg	5.0 kg



LINEAR LUMINAIRE

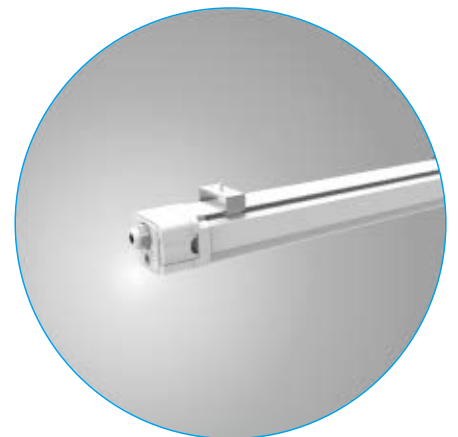
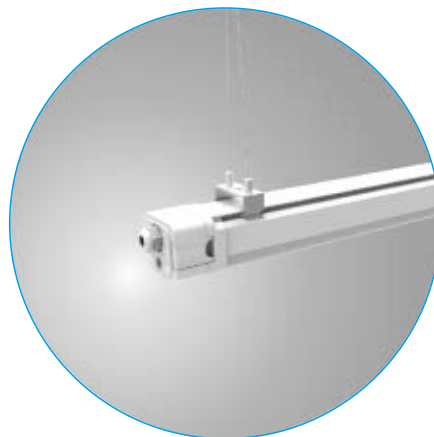
Luna™ Series Regular Tri-proof Linear

130LPW / 30W~70W / 45°C/113°F



■ Features

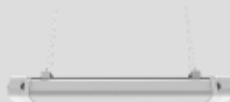
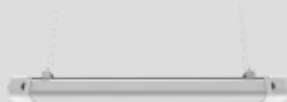
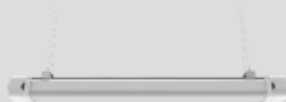
- Easily hook up luminaires in serial with any length of wire.
- System Light Efficacy 130 lm/W
- Easy Installation & Maintenance
- CE, RoHS, ETL, DLC
- Five Years Warranty
- IP66



Luna™ Series Regular Tri-proof Linear

130LPW / 30W~70W / 45°C/113°F

Specifications

			
Power Consumption	30W	55W	70W
Certification	CE RoHS cETLus DLC		
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite	E-Lite
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95	≥0.95
Efficacy	130 lm/W	130 lm/W	130 lm/W
Luminous Flux	3,900 lm	7,150 lm	9,100 lm
CRI	≥70	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 1 Optics 120°	Total 1 Optics 120°	Total 1 Optics 120°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)	-30 to 45°C (-22 to 113°F)
Dimensions	960x74x62mm	1260x74x62mm	1260x74x62mm
Net Weight	0.9 kg	1.35 kg	1.35 kg

Luna™ Series Deep Dimming Tri - Proof Luminaire with Switchable CCT

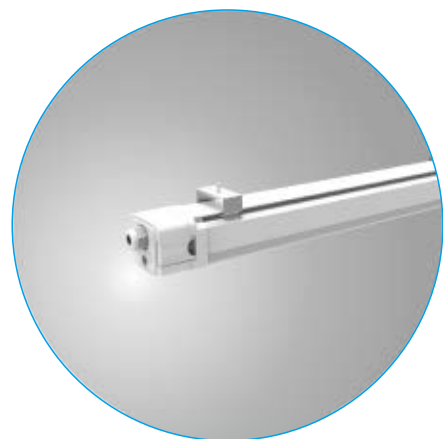
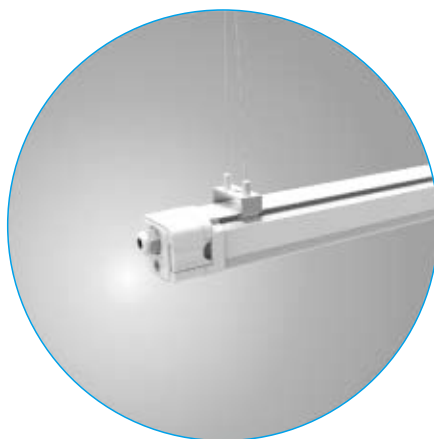
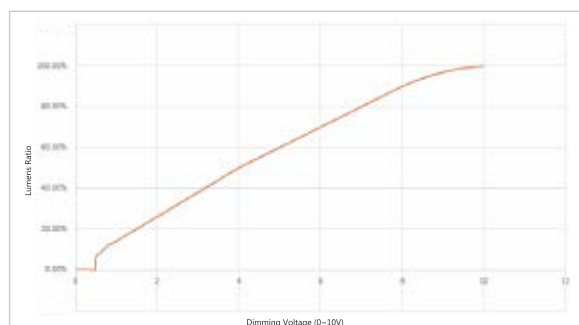
130~140LPW / 30W / 45°C/113°F



Features

- Deep Dimming to 5%
- Switchable CCT
- Stable Performance When Large Number Lights in Loop
- Pushwire Quick Connection
- System Light Efficacy 130~140 lm/W
- IP66
- CE, RoHS
- ETL Pending

Dimming Curve



Luna™ Series Deep Dimming Tri - Proof Luminaire with Switchable CCT

130~140LPW / 30W / 45°C/113°F

■ Specifications

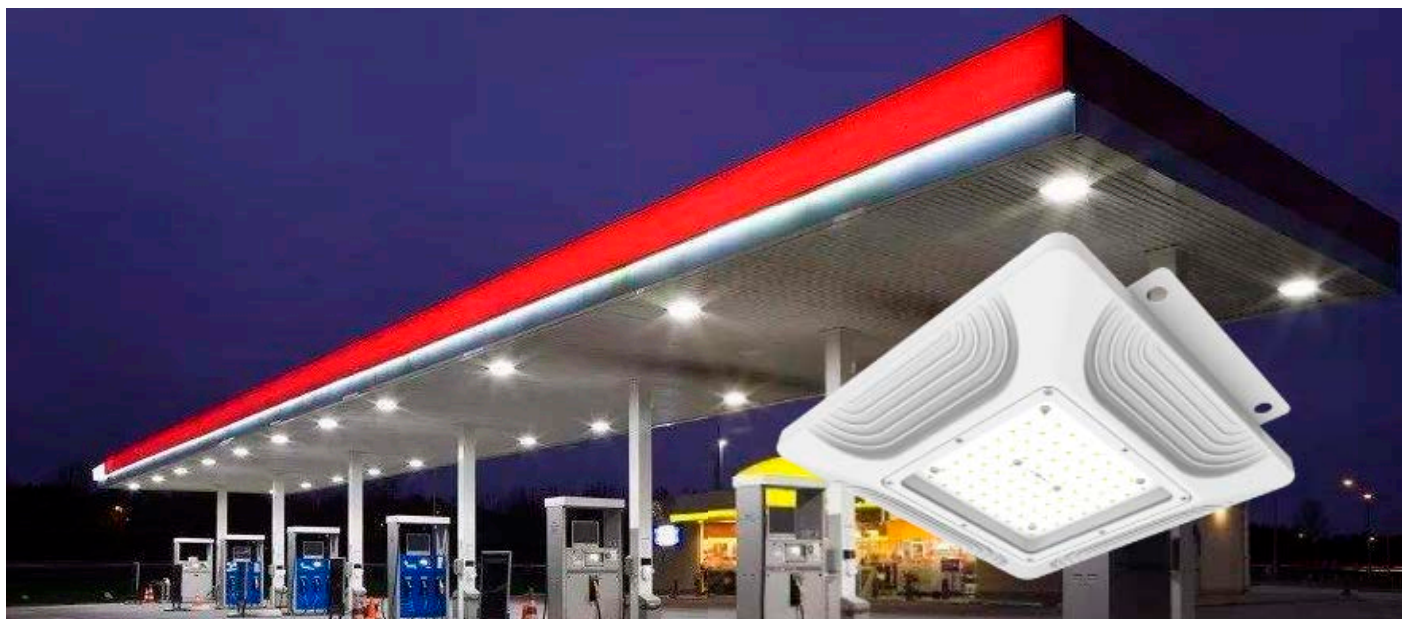
			
Power Consumption	30W		
Certification	CE	RoHS	cETLus Pending
Input Voltage	AC 100~277 V		
LED Driver	Lifud		
LED Chip	Philips Lumileds		
Power Factor	≥0.95		
Efficacy	130~140 lm/W		
Luminous Flux	3,900~4,200lm		
CRI	≥70		
Lumen Maintenance	L70>100,000 Hrs		
Colour Temperature	3000K/4000K/5000K Switchable		
Beam Angle	Total 1 Optics 120°		
IP Rating	IP66		
Operating Temperature	-30 to 45°C (-22 to 113°F)		
Dimensions	960x74x62mm		
Net Weight	0.9 kg		



CANOPY LIGHTING

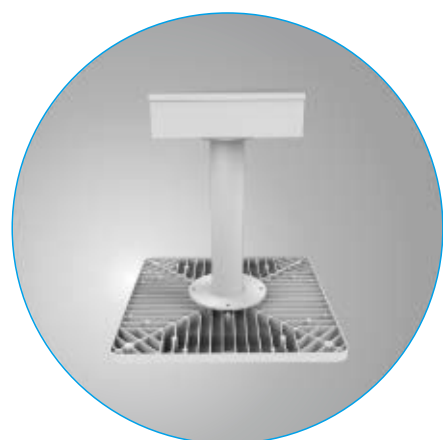
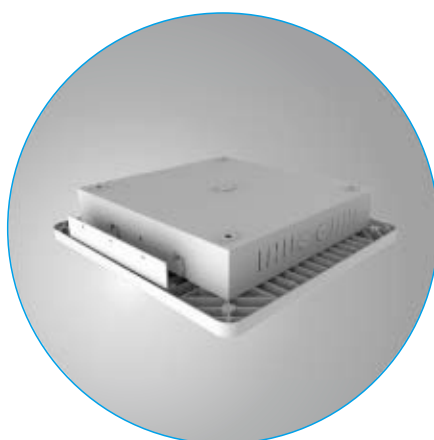
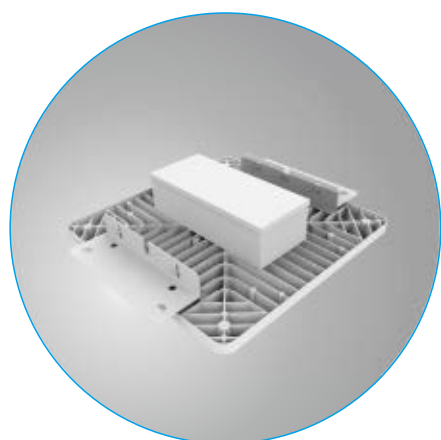
Stella™ Series LED Canopy Light

150LPW / 80W~150W / 55°C/131°F



■ Features

- System Light Efficacy 150 LPW
- Easy Installation & Maintenance
- IP66
- Five Years Warranty
- CE, RoHS
- CB, ETL, DLC Pending



Stella™ Series LED Canopy Light

150LPW / 80W~150W / 55°C/131°F

■ Specifications

		
Power Consumption	80W	100W
Certification	CE RoHS	CB/ETL/DLC Pending
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	150 lm/W	150 lm/W
Luminous Flux	12,000 lm	15,000 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500K-5500K (2500K-6500K Optional)	4500K-5500K (2500K-6500K Optional)
Beam Angle	Total 1 Optics 120°	Total 1 Optics 120°
IP Rating	IP66	IP66
Operating Temperature	-30 to 55°C (-22 to 131°F)	-30 to 55°C (-22 to 131°F)
Dimensions	280×280×96.5mm	280×280×96.5mm
Net Weight	2.1 kg	2.1 kg

Stella™ Series LED Canopy Light

150LPW / 80W~150W / 55°C/131°F

■ Specifications

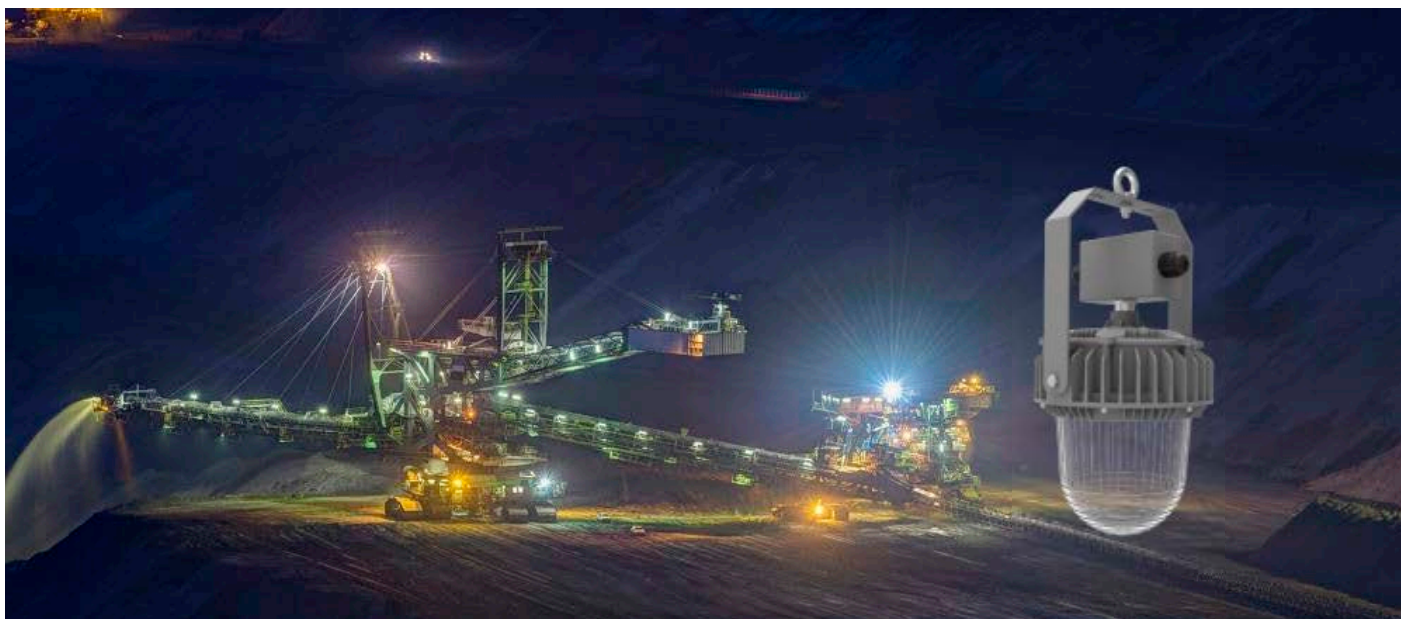
		
Power Consumption	120W	150W
Certification	CE RoHS	CB/ETL/DLC Pending
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	E-Lite	E-Lite
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	150 lm/W	150 lm/W
Luminous Flux	18,000 lm	22,500 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500K-5500K (2500K-6500K Optional)	4500K-5500K (2500K-6500K Optional)
Beam Angle	Total 1 Optics 120°	Total 1 Optics 120°
IP Rating	IP66	IP66
Operating Temperature	-30 to 55°C (-22 to 131°F)	-30 to 55°C (-22 to 131°F)
Dimensions	382×382×117.5mm	382×382×117.5mm
Net Weight	3.1 kg	3.1 kg



Engineering & Heavy-duty Lighting

Victor™ Series LED Area / General Light

130LPW / 36W / 55°C/131°F



■ Features

- System Light Efficacy 130 LPW
- 3G Vibration Tested
- IP66
- Easy Installation & Maintenance
- CE, RoHs, CB



Victor™ Series LED Area / General Light

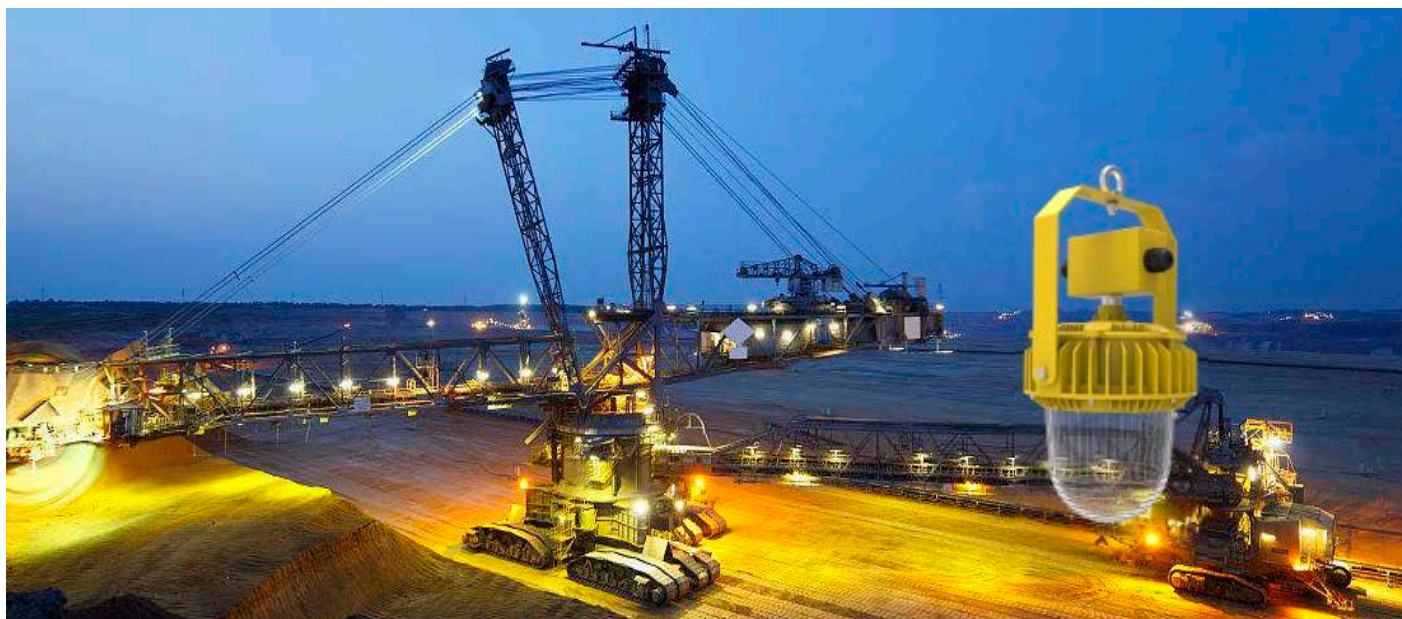
130LPW / 36W / 55°C/131°F

■ Specifications

	
Power Consumption	36W
Certification	CE RoHs CB
Input Voltage	AC 100~240V
LED Driver	Sosen
LED Chip	Philips Lumileds
Power Factor	≥0.95
Efficacy	130 lm/W
Luminous Flux	4,680lm
CRI	≥70
Lumen Maintenance	L70>100,000 Hrs
Colour Temperature	4000K (3000~5700K Optional)
Beam Angle	Total 1 Optics 120°
IP Rating	IP66
Operating Temperature	-30 to 55°C (-22 to 131°F)
Dimensions	405x227x227mm
Net Weight	4.0 kg

Victor™ Series LED Area / General Light with Emergency Power Pack

130LPW / 36W / 55°C/131°F



■ Features


- System Light Efficacy 130 LPW
- 3G Vibration Tested
- IP66
- Easy Installation & Maintenance
- CE, RoHs, CB



Victor™ Series LED Area / General Light with Emergency Power Pack

130LPW / 36W / 55°C/131°F

■ Specifications

			
Power Consumption	36W		
Certification	CE	RoHs	CB
Input Voltage	AC 100~240V		
LED Driver	Sosen		
LED Chip	Philips Lumileds		
Power Factor	≥0.95		
Efficacy	130 lm/W		
Luminous Flux	4,680lm		
CRI	≥70		
Lumen Maintenance	L70>100,000 Hrs		
Colour Temperature	4000K (3000~5700K Optional)		
Beam Angle	Total 1 Optics 120°		
IP Rating	IP66		
Operating Temperature	-30 to 55°C (-22 to 131°F)		
Dimensions	405x227x227mm		
Net Weight	4.0 kg		

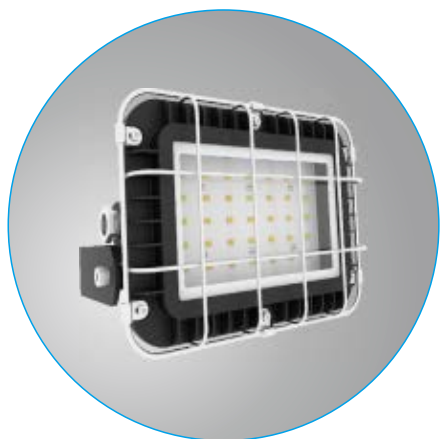
Hercu™ Series LED Bulk Head

120LPW / 30W~60W / 50°C/122°F



■ Features

- System Light Efficacy 120 LPW
- Powder Coated Heavy-duty Die Cast Housing
- Easy Installation & Maintenance
- IP66
- Five Years Warranty
- CE, RoHS
- ETL, DLC Pending



Hercu™ Series LED Bulk Head

120LPW / 30W~60W / 50°C/122°F

■ Specifications

		
Power Consumption	30W	60W
Certification	CE RoHS	ETL/DLC Pending
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	Sosen	Sosen
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	120 lm/W	120 lm/W
Luminous Flux	3,600 lm	7,200 lm
CRI	≥70	≥70
Lumen Maintenance	L70>100,000 Hrs	L70>100,000 Hrs
Colour Temperature	4500K-5500K (2500K-6500K Optional)	4500K-5500K (2500K-6500K Optional)
Beam Angle	Total 2 Optics 45°, 110°	Total 2 Optics 45°, 110°
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	257.5×174×127mm	257.5×174×127mm
Net Weight	3.4 kg	3.6 kg



Tunnel Lighting

Xtreme™ Series LED Tunnel Lights

135~150LPW / 30W~300W / 50°C/122°F



■ Features




- System Light Efficacy 135~150 LPW
- Multiple Choice of Optical Lenses
- Easy Installation & Maintenance
- Flexible, Modular Design
- IP66
- Five Years Warranty
- CE, RoHS
- Pending - ETL, DLC Premium, CB, SAA ;



Xtreme™ Series LED Tunnel Lights

135~150LPW / 30W~300W / 50°C/122°F



Specifications

			
Power Consumption	30W	50W	70W
Certification	cETLus	DLC Premium CE RoHS	CB SAA
Input Voltage	AC 100~277 V	AC 100~277 V	AC 100~277 V
LED Driver	Inventronics	Inventronics	Inventronics
LED Chip	Philips Lumileds	Philips Lumileds	Philips Lumileds
Power Factor	≥ 0.95	≥ 0.95	≥ 0.95
Efficacy	150 lm/W	137 lm/W	140 lm/W
Luminous Flux	4,500lm	6,850lm	9,800lm
CRI	≥ 70	≥ 70	≥ 70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 16 Opt 60×100°, 70×130°, 80×145° 80×150°, 85×125°, 90° 110°, 140°, 150°	Total 16 Opt 60×100°, 70×130°, 80×145° 80×150°, 85×125°, 90° 110°, 140°, 150°	Total 16 Opt 60×100°, 60×150°, 60×155° 70×135°, 73×133°, 75×145°, 100×150°, 90°, 110°, 150°
IP Rating	IP66	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	338×115×115mm	338×115×115mm	338×115×115mm
Net Weight	2.0 kg	2.0 kg	2.0 kg

Xtreme™ Series LED Tunnel Lights

135~150LPW / 30W~300W / 50°C/122°F

■ Specifications

		
Power Consumption	100W	150W
Certification	cETLus DLC Premium CE RoHS CB SAA	
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	Inventronics	Inventronics
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	135 lm/W	140 lm/W
Luminous Flux	13,500lm	21,000lm
CRI	≥70	≥70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 16 Opt 60×100°, 60×150°, 60×155° 70×135°, 73×133°, 75×145°, 100×150°, 90°, 110°, 150°	Total 16 Opt 60×100°, 60×150°, 60×155° 70×135°, 73×133°, 75×145°, 100×150°, 90°, 110°, 150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	338×115×115mm	350×228×115mm
Net Weight	2.0 kg	3.0 kg

Xtreme™ Series LED Tunnel Lights

135~150LPW / 30W~300W / 50°C/122°F

■ Specifications

		
Power Consumption	200W	300W
Certification	cETLus DLC Premium CE RoHS CB SAA	
Input Voltage	AC 100~277 V	AC 100~277 V
LED Driver	Inventronics	Inventronics
LED Chip	Philips Lumileds	Philips Lumileds
Power Factor	≥0.95	≥0.95
Efficacy	135 lm/W	135 lm/W
Luminous Flux	27,000lm	40,500lm
CRI	≥70	≥70
Lumen Maintenance	L70>120,000 Hrs	L70>120,000 Hrs
Colour Temperature	4500~5500K (2500~5500K Optional)	4500~5500K (2500~5500K Optional)
Beam Angle	Total 16 Opt 60×100°, 60×150°, 60×155° 70×135°, 73×133°, 75×145°, 100×150°, 90°, 110°, 150°	Total 16 Opt 60×100°, 60×150°, 60×155° 70×135°, 73×133°, 75×145°, 100×150°, 90°, 110°, 150°
IP Rating	IP66	IP66
Operating Temperature	-30 to 50°C (-22 to 122°F)	-30 to 50°C (-22 to 122°F)
Dimensions	350×228×115mm	350×228×115mm
Net Weight	3.0 kg	4.0 kg