UP TO 10 years warranty

140-200 lm/w

Save money + Save time + Peace of mind

Ignite the Night

Nebula Series

Smart LED High Bay

- Sensor pluggable, adding sensors whenever you need
- Power field-adjustable, reduce SKUs by up to 50%
- Efficiency up to 200 LPW, delivers up to 45000 lumens
- Various lens & lampshades covering all your application needs
- Right-sized Compact design, reduces shipping cost by up to 50%

Power Field-adjustable

reduce SKUs by up to 50%（Optional）

- Reduce overall number of SKUs to 2 while offering 8 wattacge choices
- Streamline ordering and inventory,making it flexible enough for distributor stock and flow

Desired Wattage / DIP Switch Settings

SKUs	Desired Wattage	DIP Switch Settings		
		1	2	3
SKU 1	80W	-	-	-
	100W	-	-	ON
	120W	-	ON	-
	150W	ON	-	-
SKU 2	150W	-	-	-
	180W	-	-	ON
	200W	-	ON	-
	240W	ON	-	-

Right-sized Compact Design

reduces shipping cost by up to 50%

Excellent heat dissipation making it can be designed to smaller size,reduces shipping cost by up to 50% , saves a great deal of valuable shelf or cargo space.

	100W	150W	200W
20'GP Load	3,636 pcs	2,652 pcs	2,128 pcs
40'HQ Load	8,280 pcs	6,184 pcs	4,802 pcs

Efficiency up to 200 LPW

delivers up to 45000 lumens

Excellent heat dissipation and special aluminum reflective maximizes LED performance, efficiency up to 200 LPW.
Offering various lumen packages from 15,000 to 45,000 lumens, covers all your application needs.

High efficacy models pay for themselves and help you save on energy costs for years to come.

Single Luminaire	6L T5HO	Typical LED High Bay	High Efficacy
Lumens	26,353	26,217	26,558
Input Watts	343	220	135
Operating Hours/Year (15h/day)	5,475	5,475	5,475
Annual Energy Costs (0.11 KWh)	$206.57	$132.50	$81.30
Monthly Costs (0.11 KWh)	$17.21	$11.04	$6.78
Amazing VS 6L T5HO	Annual Savings $$		Up to $125.27
Amazing VS Typical LED High Bay	Annual Savings $$		Up to $51.19

Can You Afford to Spend

60% More

Per Fixture Per Year?

Estimate does not include utility rebates or maintenance savings.Values based 5000K, 70 CRI.

It's Time to Put $$ Back in Your Pocket!

PC Lens,Glass Lens,PC Reflector, Aluminum Reflector Optional

First Sensor Pluggable Intelligent Design

Mounting sensors and make your luminaire smart whenever you need（Optional）

World's first patented designed module type plug & play sensor and sensor embedded Luminaire. User can easily scale from an ordinary fixture to a smart light fixture in 3 seconds.

3 seconds easily plug-in → Smart LED High Bay

World's First Patented Pluggable Sensor

You can install your luminaires today and mount sensors or IOT controllers whenever you need - without any hassle

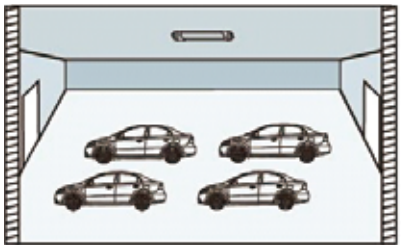
- 3 seconds easy plug-in scalability
- No re-circuiting or new control wiring
- ZigBee/Bluetooth mesh netwark smart control
- Controls are easy to upgrade, install and maintain

plug and Play | Zigbee mesh network control | Bluetooth mesh network control | App control | On/off control | Daylight sensor | Remote control setting | Motion sensor

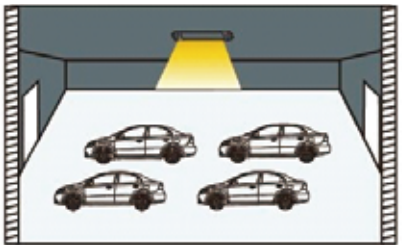
Plug&Play Occupancy Sensor

ON/OFF and Automatic Dimming Functions
On-demand lighting for maximum energy saving

1. ON/OFF Function (stand-by period set at '0')



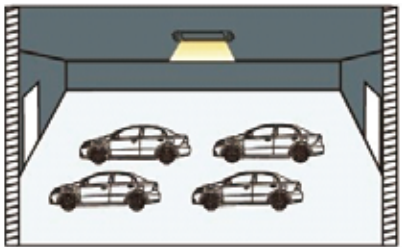
1 With sufficient ambient light, the light will not be switched on even if with motion signal



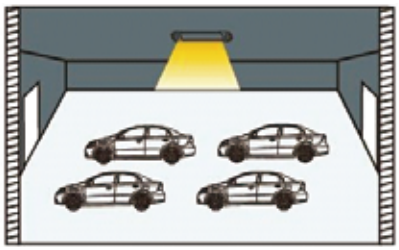
2 With insufficient ambient light, the sensor switches on the light when motion is detected.

3 After elapse of hold time, the sensor switches off the light when no motion is detected

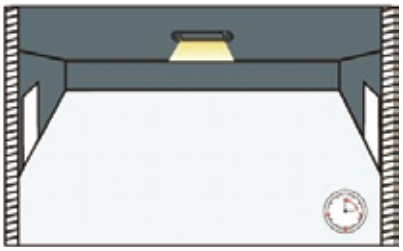
2. 2-step dimming function (stand-by period set at "+∞"



1 If there is no motion detected, the light will be remained at a low light level all the time

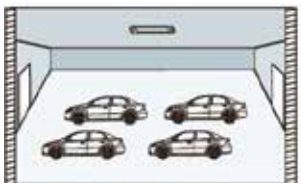


2 When motion is detected, the sensor will switch on the light to 100% brightness



3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

3.3-step dimming function (stand-by period set at "5min"or"15min")



1 With sufficient ambient light,the light will not be switched on even if with motion signal

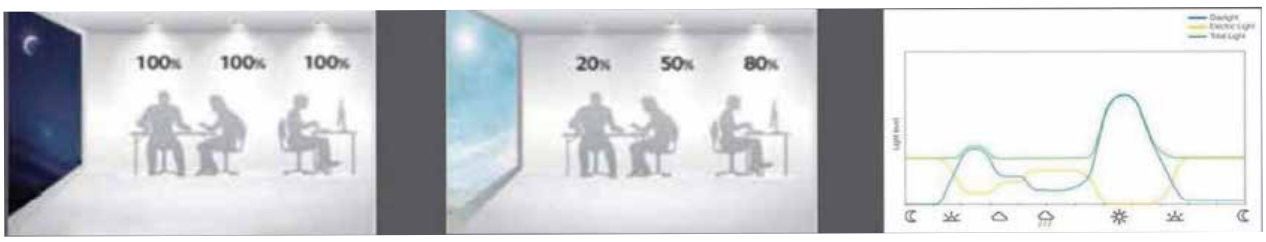
2 With insufficient ambient light, the sensor switches on the light when motion is detected.

3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.

4 After elapse of stand by period, the sensor switches off the light if no motion is detected in the detection zone

Wireless Daylight Sensor

Daylight harvesting automatically regulates the use of electric lighting in response to the amount of daylight available.make sure you use only what you need.



Night:Same brightness forall area | Day:Lower brightness on the windows side | Automatic dimming-On-demand lighting

Occupaney Sensors & Code Compliance---Aecording to IECC 2015 Code Provision C405.2.1.1.1.
office and warehouse fixtures must automatically turn off within 30 minutes of all oceupants leaving the space
Daylight Harvesting & Code Complianee Aceording to IECC2015 Code Provision C405.2.3.12.
daylight-responsive controls should be installed within each space with sidelight and toplight daylight zones totaling more than 150W.

Smart Network Lighting-Control Systems

Using various sensor, scheduling and programming technologies, controls maximize energy savings and minimize lighting maintenance. They accomplish this by reducing your energy spend to the bare minimum only distributing light where and when you need.

Evaluate which controls strategy will save your facility the most.

APP, Network control

Lights in multiple locations can be controlledfrom wireless devices such as mobile phones (IOSIAndroid system).

Wireless Touch Switch control

Remote control

Occupancy Sensing

Typically Saves:15-55%

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

Daylight Harvesting

Typically Saves:15-45%

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

Auto Scheduling

Typically Saves:10-40%

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

Load Shedding

Typically Saves:15-45%

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

Task Tuning

Typically Saves:5-15%

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

Zoning & Group control

Typically Saves:5-20%

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

Product Specifications:

LED & Optical Assembly

- CCT: 3000K.4000K,5000K
- CRI: 70+ Standard (80, 90 contact factory for lead-time)
- System Efficiency: Standard, 135~150lm/W; Superior, 165~180lm/W; Premium, 185~200lm/W optional.
- Fixture Rated Life: L70 @ 100,000 hrs @ 55℃
- TM-21 Calculation at 25℃: L70 @ 250,000 hrs minimum L90 @ 65,000 hrs minimum
- Distribution /Lenses: 60, 90, 120 degrees lens and diffused lens optional

Electrical

- Input Wattage: 60W,100W,120W,150W,200W,240W, Adjustable Wattage
- Input Voltage Range: 100-277VAC(100-240V,347V and 480V available)
- System Power Factor (PF): >0.95
- Total Harmonic Distortion (THD): <20%

Ratings & Evaluations

- Operating Temperature: –30℃ to +50℃ (-22℉ to 122℉)
- IP65,Suitable For Wet Locations
- Safety: ETL/cETL Listed
- Utility: DLC 5.1 Premium,LLLC Network Control

not all models are DLC listed,Please refer to http://www.designlights.org/QPL for complete information

Controls

- Dimming: 0-10V Dimmable (standard) and Dali2 optional
- Wireless Networking & Sensing:

Sensor ready pluggable receptacl - SR
Motion Sensor <30 Ft - MS1 Motion Sensor <40 Ft - MS2

- Compatible with 3rd party smart network control system

Mounting

- Typical Mounting:
  Standard Ring Mount,Hook Mount ,U Bracket Mount and 1/2 NPT Pipe Mount optional

- Cord & Plugs:
  Standard = 1ft cord (no plug)
  3ft, 6ft, 12ft, 15ft, 20ft Cord optional;
  15A, 20A, twist lock plug optional

Warranty

- 5-year warranty standard, 7-year warranty optional

Accessories (order separately)

- Sensor pluggable receptacl - SR
- Pluggablemotion sensor <30 Ft - MS1
- Pluggablemotion sensor <40 Ft - MS2
- Remote for settings sensors-RM1(at least one required per project)
- Zigbee Wireless Sensor-ZG01
- Bluetooth Wireless Sensor-BT01
- Zigbee Gateway-GW(100 fixture need 1,at least 1 required per project)
- Surge protector - SPT
- Emergency Battery - EM
- 120°Lens - 12L
- 90°Lens - 90L
- 60°Lens - 60L
- Diffused Lens - DL

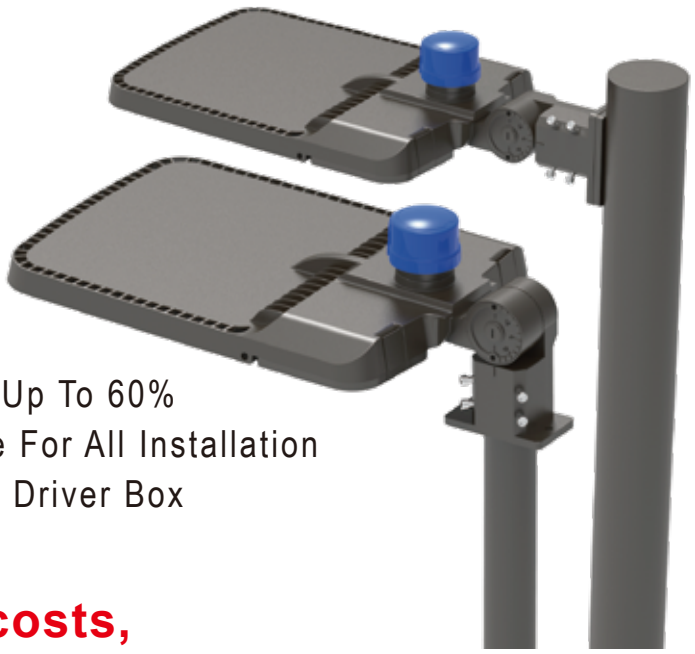
Ordering Information:

MODEL SELECTION **Typical order example: NHB150-50-MSR**

PRODUCT ID	Wattage	EFFICIENCY	CCT	OPTICS/LENS	Voltage	Dimming	SENSOR/ WIRELESS	MOUNTING	CORD	PLUG	options
NHB											
NHB= Nebula Series LED High Bay	60=60W 100=100W 120=120W 150=150W 200=200W 240=240W,, Adjustable Wattage Optional	**(OMIT)**= Standard, 130~150lm/W; S = Superior, 165~180lm/W P = Premium, 185~200lm/W	**30**=3000K **40**=4000K **50**=5000K	**W**= 120°Lens **M**= 90°Lens N= 60°Lens **DL**= Diffused Lens Maximum Glare Reduction	**(OMIT)**= (100-240V) 120-277V, std 347= 347V 480=480V	(OMIT) = 0-10V dimmable DA = Dali	(OMIT)=None, std ; **SR**=Sensor pluggable receptacl; **MS1**=Motion Sensor <30 Ft **MS2**=Motion Sensor <40 Ft ZG01=Zigbee Wireless control BT01= Bluetooth control	**(OMIT)** = Standard Ring Mount, **HM**=Hook Mount , **UM**=U Bracket Mount **NM**= 1/2 NPT Pipe Mount	**(OMIT)**= 1ft cord, std ; C3=3 ft cord C6=6 ft cord	**(OMIT)**= None,std; P1=5-15P P2=5-20P P3=L5-15P P4=L6-15P P5=L7-15P P6=L7-20P P7=L8-20P	**EM**=EM - Emergency Backup 8W ; **EM20** - Emergency Backup 20W; SPT=Surge protector 10kv

Victory Series

LED Parking Lot Area Luminaire



- Self-Cleaning Smooth Body
- 1 Person Easy Installation
- Rotatable Optics Eases Lighting Design
- Power Field-adjustable, Reduce Skus By Up To 60%
- Universal Bracket,One Bracket Applicable For All Installation
- Easy Maintenance With Tool-free Opened Driver Box
- Zero Uplight Ensures IDA Approval

Longer lifespan, Less labor costs, Maximum design flexibility

UP TO 10 years warranty

140-200 lm/w

Amazing Series

Smart LED Linear High Bay

- Controllers pluggable,mounting controllers whenever you need
- Power & CCT field-adjustable, reduce SKUs by up to 80%
- Easy Maintenance with Tool-free Opened Driver Box
- Field-Replaceable Various Optics Lenses covering all your application needs
- Simply plug & power installation,reduce labor cost by up to 50%
- Right-sized Compact design reduces shipping cost by up to 50%
- Efficiency up to 200 LPW,delivers up to 80000 lumens

UP TO 10 years warranty

140-200 lm/w

Controls Pluggable

Smart LED Vapor Tight/Tri-proof Light

Instal your luminaires today Mount sensors or OT controllers whenever you need

- Sensor pluggable,mounting sensors whenever you need
- Easily tool-free installation and linking with buckle end cap
- Power & Color Temp field-adjustable reduce SKUs by up to 80%
- Zigbee/Bluetooth mesh network smart controls

DLC 5.1 Premium LLLC Network Control Power & CCT Field-Adjustable

Power & CCT Adjustable
Aisle Optics

Ranch/Agriculture Highbay
IP69K,Corrosion Resistance

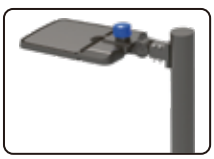
High Temperature
Up to 65 C

Sports Light
High Mast Light

Power Adjustable
Economical

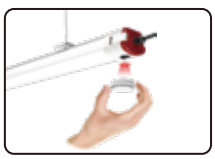
Italy Design
Dust-Free

Flexible Highbay
NPT Pipe Mount ,UP Light



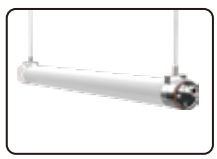
Power Field-adjustable
T2,T3,T4,T5 Optics

IP65 Aisle Optics
Smart Linear



Sensor Pluggable Tri-proof
Power & CCT Adjustable

Sensor Pluggable Vapor Tight
Power & CCT Adjustable



Ranch/Agriculture Tri-proof
IP69K,Corrosion Resistance

ISO 9001 DQC · ETL Intertek · DLC LISTED PREMIUM · CE · RoHS · TITLE 24 · DALI · plug & Play · ZigBee · Bluetooth

Contact Information: