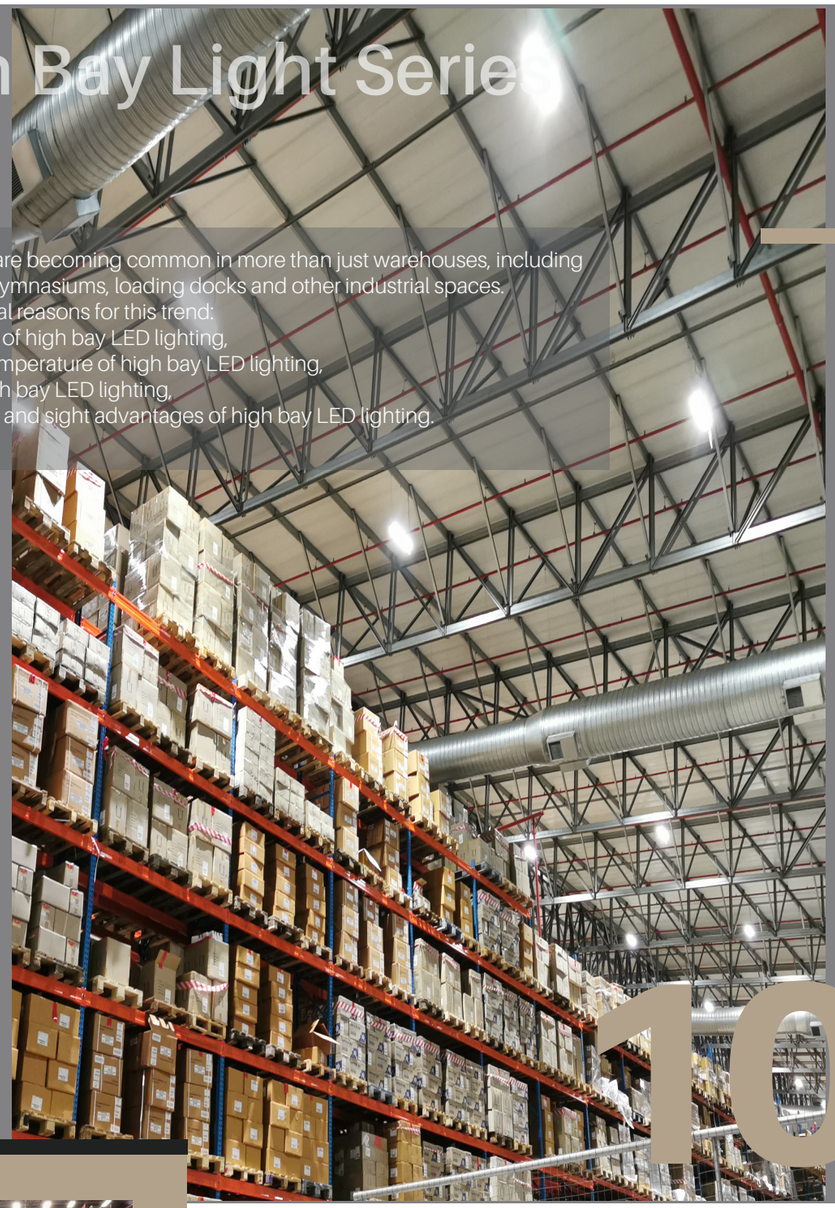
High Bay Light Series



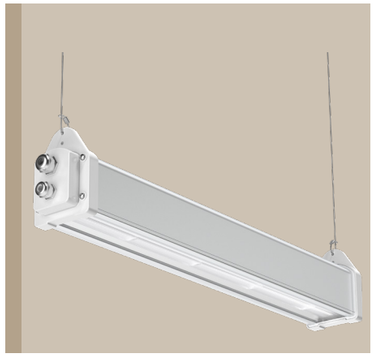
LED high bays are becoming common in more than just warehouses, including sports arenas, gymnasiums, loading docks and other industrial spaces.
There are several reasons for this trend:
Energy Savings of high bay LED lighting,
Lifespan and temperature of high bay LED lighting,
Durability of high bay LED lighting,
Light uniformity and sight advantages of high bay LED lighting.

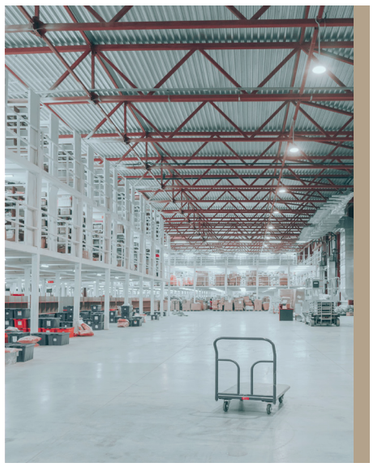
Applications
Warehouses
Sport facilities
Storage facilities
Packaging
Manufacturing
Food processing

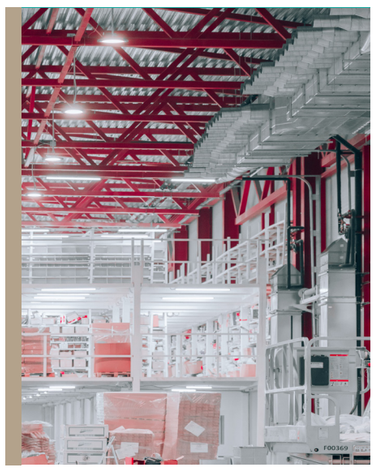
There are various tasks and areas on industrial sites. Heavy machines, precise inspection, shipping and receiving, packing and other tasks are all included.
Workers are working in different areas with different responsibilities on the same industrial site.
Thus, proper industrial lighting covers the requirements of all tasks and partitions and ensures the correct visual experience.
Industrial accidents are often occur because of misjudgment, which has to do with poor visibility or excessive lighting.

Further, both two low or excessive lighting can cause health problems. Workers suffer from eye strain and fatigue in low lighting conditions. Glare can cause visual fatigue and damage to one's eyesight.
Improper lighting with flicker can result a stroboscopic effect.
Stroboscopic effect is hazardous to workers that operate the machines in industrial environments.
Quality LED lighting takes not only the capital investment into account, but also considers the working environment, productivity and health and safety.

High Bay Light Series

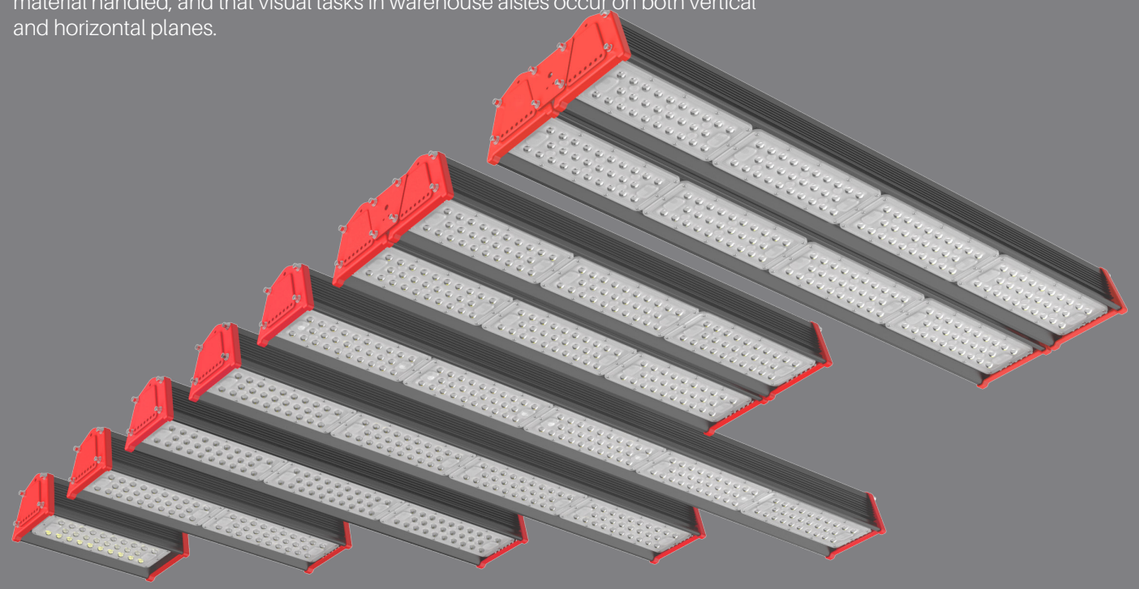






GenRack 01/10 High Bay

Adequate horizontal illumination must be provided not only for safety, but also for navigation convenience and a staff's ability to accurately read documents and minimizing errors in picking and packing.
Variables to consider are that rack storage areas can vary greatly, according to the material handled, and that visual tasks in warehouse aisles occur on both vertical and horizontal planes.



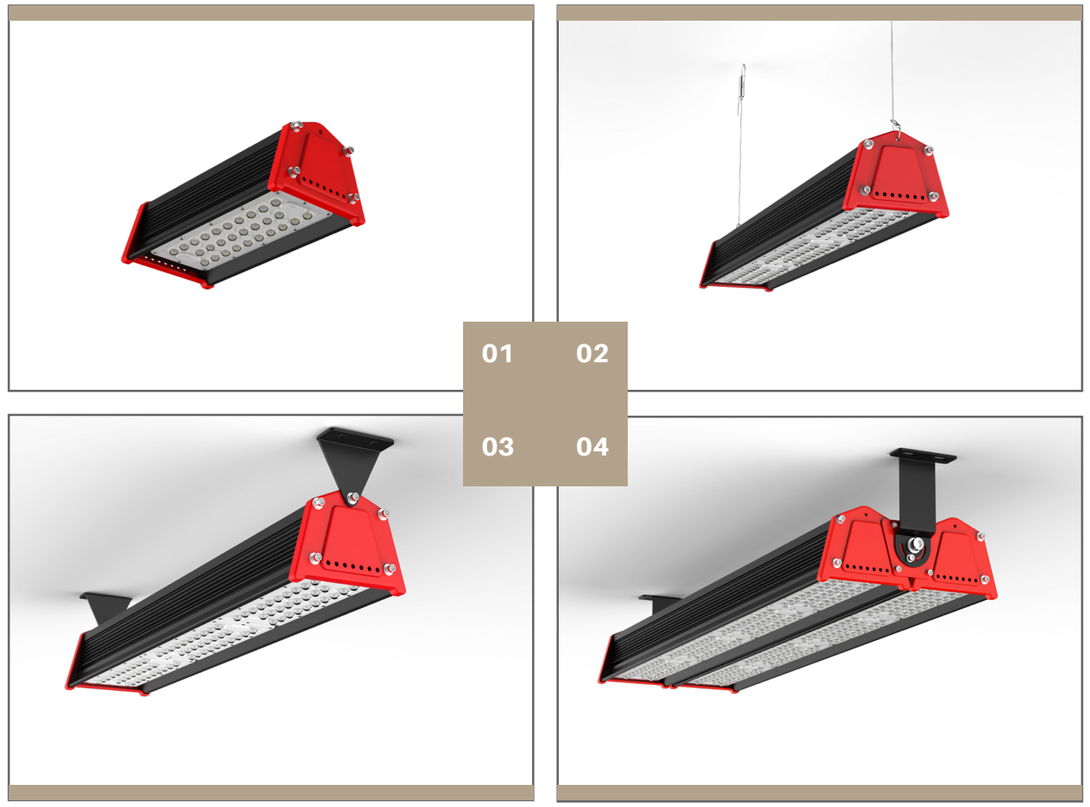
The GenRack 01 /10 LED linear high bay is perfect lighting for aisles in warehouses. Asymmetric optic lens adapts to narrow aisles for illumination between high shelves.
The rectangular light pattern perfectly matches with aisles, which can effectively reduce light loss.

Genrack 01
30W / 60W /90W / 120W /1 50W
180W / 240W;
135lm/W and 165lm/W optional
GenRack 10:
50W /100W/ 150W /
200W or 240W
135lm/W
Modular design and excellent performance
IP65
IK10

Long and narrow beam angles pattern not only contribute to lighting lux levels but also provides exceptional uniformity
5 different beam angles, suitable for most project applications
Multiple mounting options (Suspension mount, Adjustable surface mount)
Intelligent control for energy savings
Surge protection:
2KV Line to Line 4KV Line to Earth
Life hours:
75,000hrs-L70
CCT: 5000K
(3000K/4000K optional)

GenRack 01/10 Linear High Bay

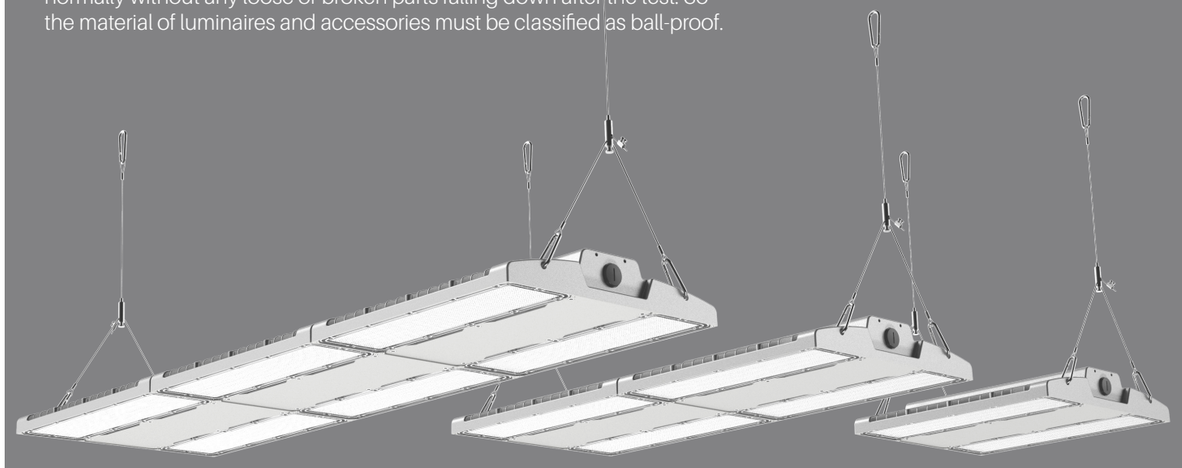
Warehouse lighting should be able to accomplish two things: enhance safety and increase productivity. When choosing lights for your warehouse, these two should be your top priorities.



CODE	POWER (W)	LUMEN(LM)	DIMENSIONS (MM)
130lm/w			
LBG3N/030**001	30	3,900	280*137*102
LBG3N/060**001	60	7,800	486*137*102
LBG3N/090**001	90	11,700	718*137*102
LBG3N/120**001	120	15,600	948*137*102
LBG3N/150**001	150	19,500	1,178*137*102
LBG3N/180**001	180	23,400	718*275*102
LBG3N/240**001	240	31,200	948*275*102
160lm/w			
LBG6N/030**001	30	4,800	280*137*102
LBG6N/060**001	60	9,600	486*137*102
LBG6N/090**001	90	14,400	718*137*102
LBG6N/120**001	120	19,200	948*137*102
LBG6N/150**001	150	24,000	1,178*137*102
LBG6N/180**001	180	28,800	718*275*102
LBG6N/240**001	240	38,400	948*275*102

GenBay 09 High Bay

According to DIN 18032-3 “Halls for gymnastics, games and multi-purpose use, testing of safety against ball throwing“ and DIN 57710-13 “Luminaires with operating voltages below 1000 V; luminaires safety for ball throwing”, To pass this standard test, luminaires are tested by using a ball-shooting device. The fitting needs to withstand 36 handball shot from three different directions at an impact speed of 60 km/h. The fitting must work normally without any loose or broken parts falling down after the test. So the material of luminaires and accessories must be classified as ball-proof.



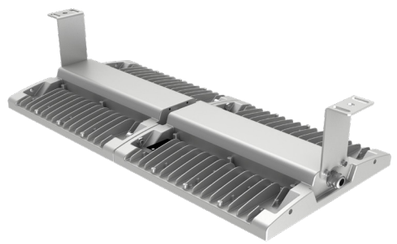
GenBay 09 is a perfect solution for sports halls as well as factories, manufacturing plants or anywhere where a robust fitting is required.

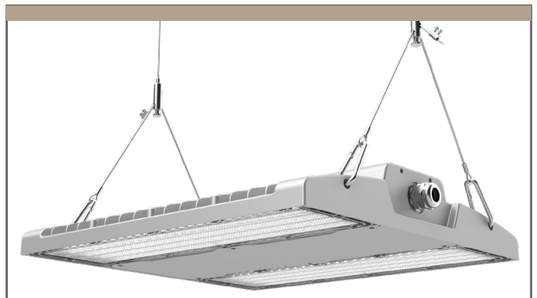
DIN 57710-13 Sports hall ball test
Perfect for indoor and outdoor applications, with PIR sensor, microwave motion sensor, photocell, Zigbee, as well as DALI, and emergency function as options.
Genbay 09 is perfect for sports arenas.

100W/150W/200W/240W/300W/ 400W/480W
155lm/W
Low UGR
IP66 IK10 rated
Specialized asymmetrical optic 40°*140° for aisle, workshop and warehouses
Pendent mounting or pipe mounting for multiple installations
Surge protection:
6KV line to line, 10KV line to earth
Life hours:
40,000hrs-L90
82,000 hrs-L80
131,000 hrs-L70
CCT: 5000K
(3000K/4000K optional)

GenBay 09 Linear High Bay

In Indoor sports arenas, halls or gymnasiums, there is a strong liklihood of high impact ball sports which could damage electrical equipment such as lighting. Any parts that may fall can potentially become hazardous to players and spectators. That’s why IK rating is always the top consideration of the lighting design in indoor sports field.





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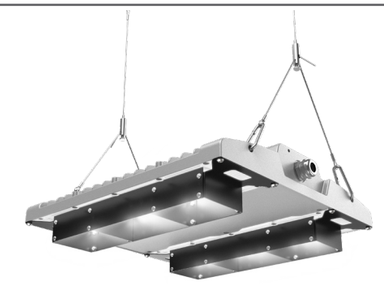
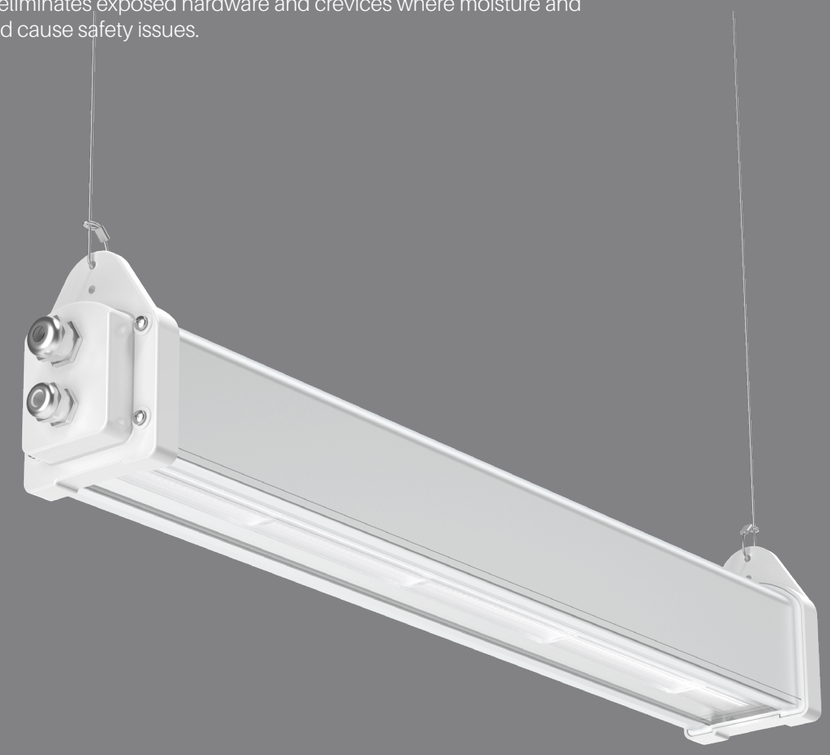


CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
LBG5D/100**009	100	15,500	340*325*60
LBG5D/150**009	150	23,250	340*325*60
LBG5D/200**009	200	31,000	680*325*60
LBG5D/240**009	240	37,200	680*325*60
LBG5D/300**009	300	46,500	680*325*60
LBG5D/400**009	400	62,000	1,020*325*60
LBG5D/480**009	480	74,400	1,020*325*60

Gleam 19 High Bay NSF

The Gleam 19 is dsigned for food processing lighting or for use in any other harsh environment where a heavy-duty, super-bright alternative is needed.
NSF certified LED lighting are dust tight luminares, designed for easy cleaning, that can withstand close-range high pressure cleaning and resistant to harsh cleaning solvents.
The smooth, outer housing eliminates exposed hardware and crevices where moisture and bacteria can accumulate and cause safety issues.



Application

Food manufacturing/ processing
Farm Lighting
Poultry Lighting
Agricultural application
Commercial
Warehouse
Supermarket lighting

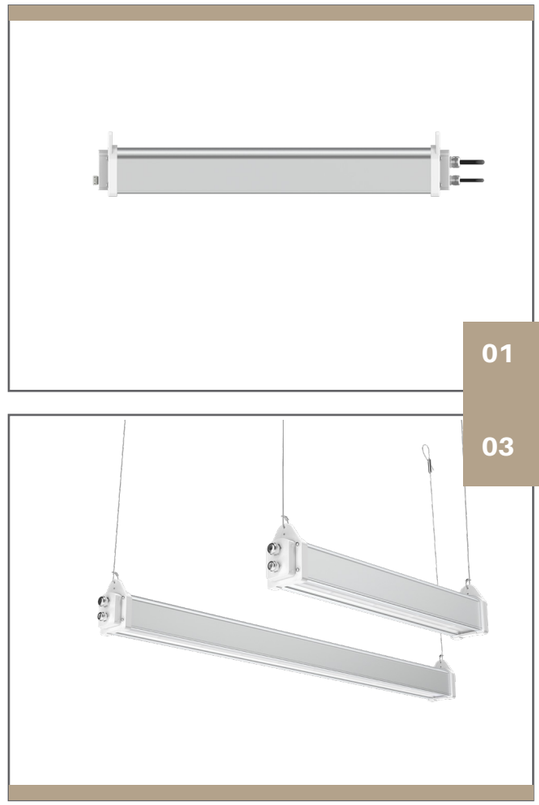
The Gleam 19 Linear High bay is a strong, compact NSF approved luminaire for the food industry.
The housing provides IP69K ingress protection (1450 PSI) along with extreme chemical resistance.
The Gleam 19 is designed for heavy hose-down applications or daily sanitation.

IP69K, against water pressure of 100 bar(1450psi) and temperature of 85°C.

IP65, IK10
Beam angle 60°, 90°, 120° optional
PMMA clear and lens are optional.
Surface mount or suspended.
70W, 120W covers two sizes,
Efficiency up to 135lm/W
1-10v available
Surge protection: 6KV line to line, 10KV line to earth
Life hours:
31,000hrs-L90
64,000hrs-L80
101,000hrs-L70
CCT: 5000K (3000K/4000K optional)

Gleam 19 High Bay NSF

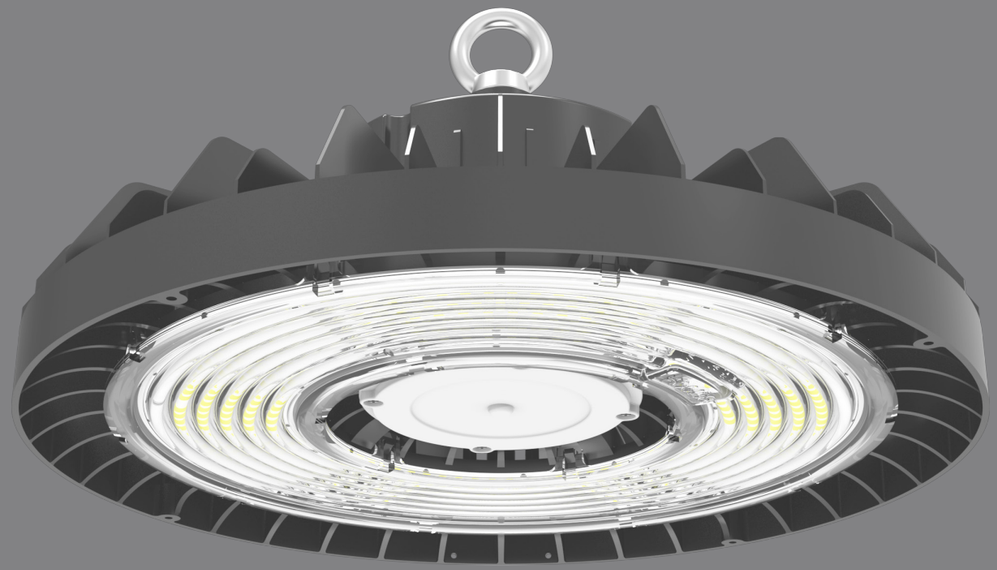
The Gleam 19 linear high bay is designed for applications requiring high pressure and chemical cleaning resistance. The housing provides IP69K ingress protection (1450 PSI) along with extreme chemical resistance.



CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
HBG4D/070**019	70	9,450	629*118*86
HBG4D/120**019	120	16,200	1,209*118*86

Lynx 25 High Bay

The Lynx 25 is the perfect balance between exceptional performance and cost effectiveness.The Lynx 25 has several options including 3 different beam angles, power options and fitting construction.
The Lynx 25 is designed for use in high ambient temperature environments.
The heat sink featured on Lynx 25 is designed with superior heat radiation, which supports a working environment up to 55°C, optional up to 65 °C with a special housing design and driver placement which speeds up the process of heat conduction and convection.



Application

Commercial
Warehouse
Supermarket lighting
Storage facilities
High ambient temperature environments

The Lynx 25 supports 190lm/w high lumen output and various beam angles (60°90°120°), perfect for high mounting applications
The plug-and-play sensor enhances energy saving
Superior thermal management on heat sink ensures it can be used at 65° working environment
140-150lm/W
100/ 150 / 200 / 240 / 300W
190lm/W: 100 / 150 / 200W

Plug and play sensor: Standard and Zigbee wireless control
Smart control all in one, including emergency, DALI, PIR, daylight harvesting

90° / 60° /120° PC lens, PC and ALU reflector are optional
Vertical Philips driver version has a 10 year warranty based on ambient temperature <50°
High temperature >50° has a 5 years warranty
Surge protection
4kV line-line, 6kV line-earth
Life hours:
55,000hrs-L90
111,000hrs-L80
173,000hrs-L70
CCT: 5000K
(3000K/4000K optional)

Lynx 25 High Bay

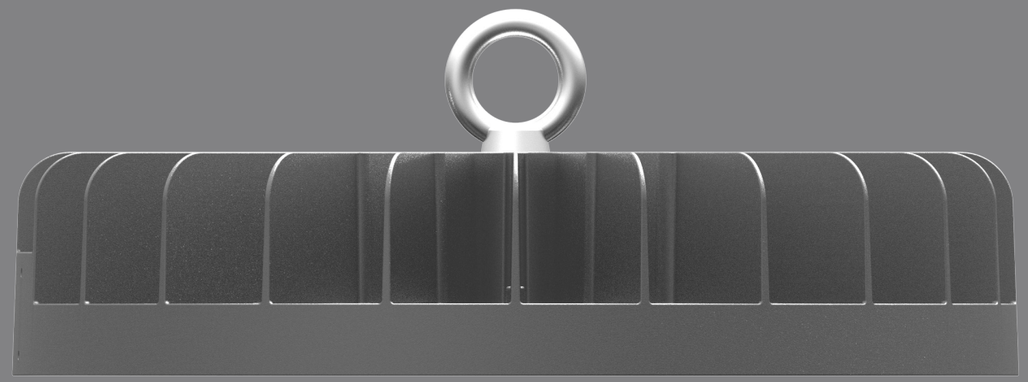
The Lynx 25 high bay produces high light output of up to 190lm/w with 60° / 90° / 120° beam angles ensuring light is directed downwards in high bay applications.

01 02 03 04

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)	BEAM ANGLES
HBL4N/100**025	100	14,000	Ø360*181	60°/90°/120°
HBL4N/120**025	120	16,800	Ø360*181	60°/90°/120°
HBL4N/150**025	150	21,000	Ø360*181	60°/90°/120°
HBL4N/200**025	200	28,000	Ø360*181	60°/90°/120°
HBL4N/240**025	240	33,600	Ø360*181	60°/90°/120°
HBL4N/300**025	300	42,000	Ø360*181	60°/90°/120°

Lynx 33 High Bay (DOB)

Press die-casting aluminium with streamline design, stylish & durable; Smooth housing makes cleaning easier. All components are integrated on PCB board (DOB Solutions) and assembled automatically by SMT machines.
Lynx 33 High Bay with compact DRIVER ON BOARD integrated LED light Source technology. With easy installation, it also offers high quality heat resistance, Eco-friendly and high energy-saving. This high bay design, was specially manufactured as replacement of traditional lighting in a wide variety of industrial and commercial applications.



Application

Commercial
Warehouse
Supermarket lighting
Storage facilities

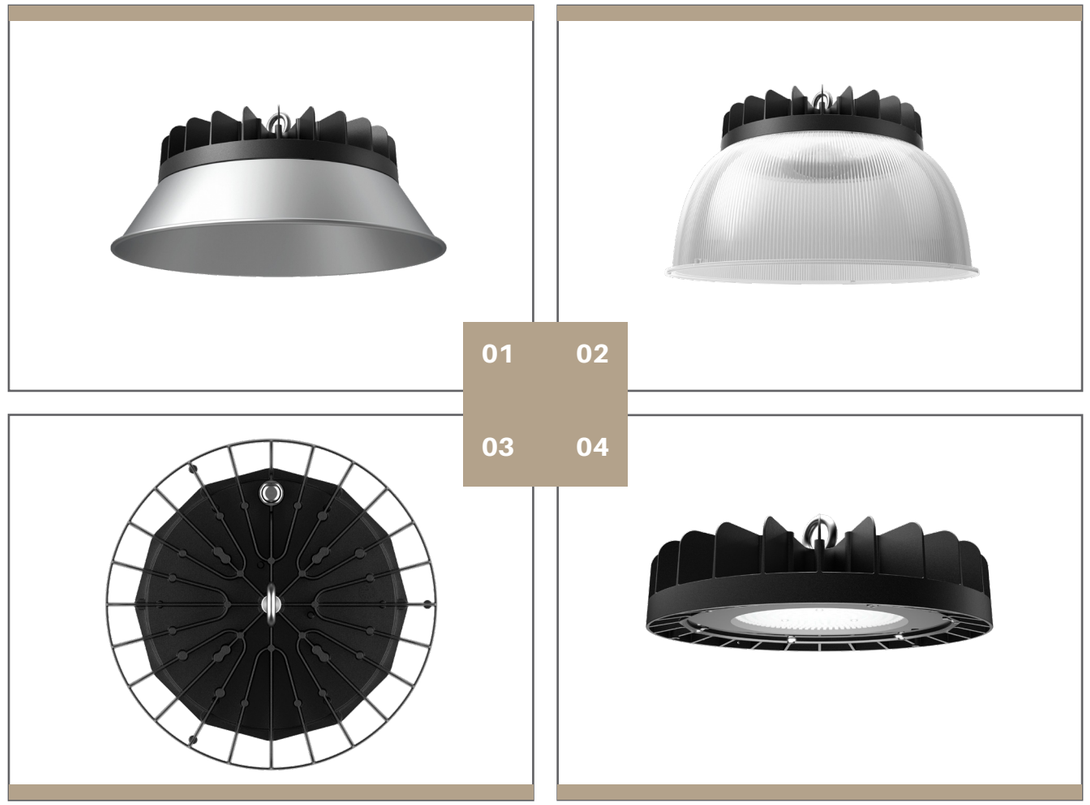
Specially designed for maximum performance and optimum efficiency the Lynx 33 series offers huge reductions in running and maintenance costs, whilst offering exceptional lighting in mid to high ceiling applications

IC Driverless LED UFO High bay for multiple applications
Easy installation
Cost effective

Directly powered by
AC 200V-240V,
Up to 180W
110lm/W
IP65
PC reflector is available
3 years warranty
Surge protection:
1KV line to line, 2KV Line to earth
Life hours:
94,000 hrs-L80
150,000 hrs-L70
CCT: 5000K
(3000K/4000K optional)

Lynx 33 High Bay (DOB)

The Lynx 33 high bay provides a cost effective solution for replacement of traditional warehouse lighting whilst avoiding the pitfalls of poor quality lighting. The lifespan shows extraordinary performance given the heat management technology used in the Lynx 33.



CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
HBL1N/100**033	100	11,000	Ø292*107
HBL1N/150**033	150	16,500	Ø292*107
HBL1N/180**033	180	19,800	Ø292*107

Gleam 39 High Bay NSF

NSF Certified LED Lighting provides high bay and low bay lighting in warehouses and areas requiring NSF certification. NSF Certified LED Lighting are dust tight luminaires, designed for easy cleaning, that can withstand close-range high pressure cleaning and resistant to harsh cleaning solvents.
The smooth, outer housing eliminates exposed hardware and crevices where moisture and bacteria can accumulate and cause safety issues.

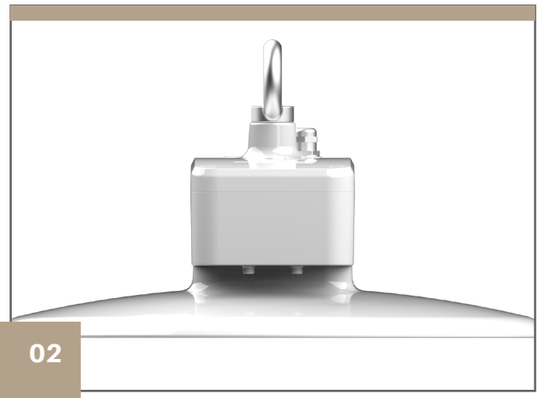
Gleam 39 high bay is Ideal for food processing factories, pharmaceutical factory, cosmetics, plant, dust-free plant, winery, supermarket etc.

IP69K and NSF approved, Gleam 39 has a large heat sink (400mm) and excellent dissipation designed specifically for the food industry
Various accessories and mounting options make the Gleam 39 suitable for any area demanding a well sealed, smooth high output LED light fixture

Light efficiency: 140lm/w
Multiple lighting distribution options, dotted lens with better glare control
Built-in motion sensor,
IP66 & IP69K / IK08 double protection
Surge protection:
4KV line to line 4KV line to earth
Life hours:
53,000hrs-L90
82,000hrs-L80
131,000hrs-L70

Gleam 39 Food High Bay NSF

NSF high bay lights have an IP rating of IP66 to IP68. High bay lights are, therefore, waterproof and dust-tight. They are protected from the entry of dust, water and grease.



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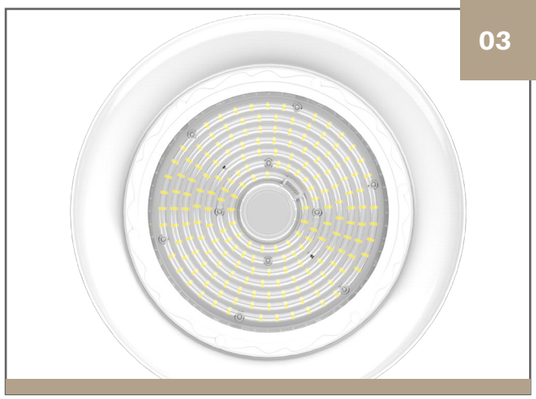
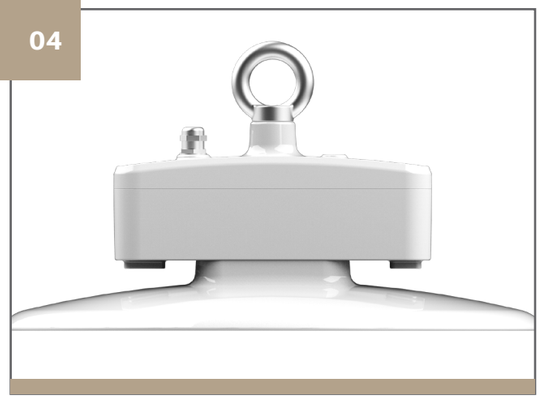




CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)	BEAM ANGLES
HBG4N/100**039	100	14,000	Ø400*200	60°/90°/120°
HBG4N/120**039	120	16,800	Ø400*200	60°/90°/120°
HBG4N/150**039	150	21,000	Ø400*200	60°/90°/120°

Lynx 42 High Bay (Low UGR)

Visual Comfort High Bay
Press die-casting aluminium with streamline design,
stylish & durable; Smooth housing makes cleaning easier.
The hollow design creates air flow through the luminaire, which
achieves superior thermal management.

UGR (Unified Glare Rating) is a measure of the glare from all visible luminaires indoors adopted by CIE (International Commission on Illumination). It is a psychological measure of the subjective response of the light emitted by a lighting device in a visual environment that causes discomfort to the human eye. UGR is not a mandatory regulation, but an industry standard formulated by CIE to create a better lighting environment and protect the health of consumer.

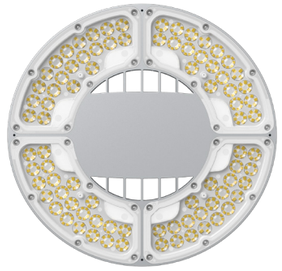
With the breakthrough multiple-leds-in-one lens design, the Lynx 42 high bay provides a high efficacy fitting with up to 170lm/w, (delivered light)
UGR<19

High efficacy up to 170lm/w @Ra80
Full wattage 100W, 120W, 150W, 200W, one-to-one replacement up to 600W traditional fittings
Smooth housing design, makes cleaning jobs easier
The 400mm large heat sink with hollow design creates air flow through the luminaire, achieve superior thermal management

Professional optic controls provide UGR<19 & create comfortable visual experience
CCT selectable optional
DALI, 0-10v dimmable, photocell, microwave sensing, PIR sensing to minimize power consumption
ZHAGA compatible.
IP65, IK09 protection
Surge protection:1KV line to line, 2KV Line to earth
Power selectable to 100% , 75% , 50% , 30% of full wattage power (DIP switch optional)
Life hours:
31,000Hrs-L90
64,000Hrs-L80
101,000Hrs-L70

Lynx 42 High Bay Low UGR

The Lynx 42 high bay provides a high efficacy of up to 170lm/w, one-to-one replacement of 600W HID lamps, while reducing the glare down to UGR<19.



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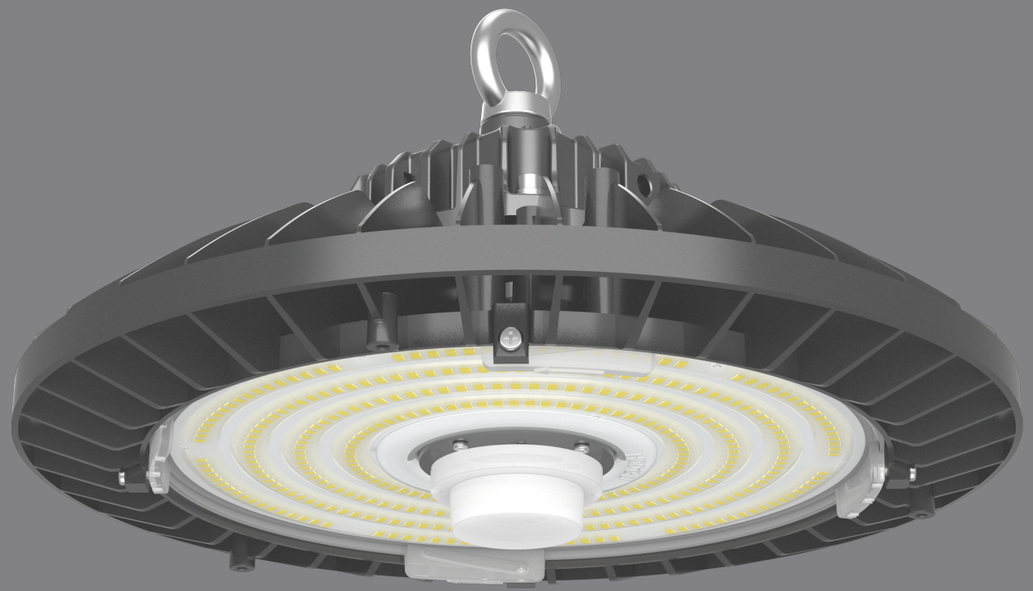
CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
HBL7N/100**42	100	17,000	Ø360*181
HBL7N/120**42	120	20,400	Ø360*181
HBL7N/150**42	150	25,500	Ø360*181
HBL7N/200**42	200	34,000	Ø360*181

Lynx 43 High Bay

The Lynx 43 is a versatile high bay with 3 beam angles adjustable by turning the optical lens.
This feature enables the best use of light avoiding shadows and wasted light on non required surfaces. The Lynx 43 also can be wattage adjusted to provide flexibility of choice and achieving the application requirements.



The Lynx 43 is a perfect solution for a wide variety of applications.
Designed for applications such as warehouses, storage facilities, workshops, halls or factories

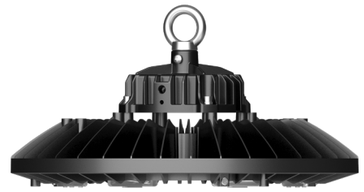
Die-cast robust housing with anti-corrosion surface treatment
Air cross-ventilation structure design supports superior heat dissipation
Zoomable optic design, 65°/85°/100° are changeable through simple rotation of the optical lens
The innovative driver makes Lynx 43 power-adjustable
One fixture offers four wattage options

150W can be adjusted between 120W, 100W or 80W

200W can be adjusted between 150W, 120W or 100W
Higher fixture efficacy, up to 150
Built-in plug and play microwave sensor /PIR sensor, (Optional).
Surge protection 4KV line to line, 6KV line to earth.
Life hours:
80,000 hrs-L80
127,000 hrs-L70
CCT: 5000K
(3000K/4000K optional)

Lynx 43 High Bay

The Lynx 43 high bay is designed with a zoomable optic design, 65°/85°/100° which are changeable through simple rotation of the optics.



01 02 03 04

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)	BEAM ANGLES
HBL5N/150**043	150	22,500	Ø320*174	Narrow-medium-wide beam angle adjustable
HBL5N/200**043	200	30,000	Ø320*174	

Lynx 46 High Bay Low UGR

Visual Comfort High Bay.
Designed specifically for the direct replacement of traditional induction lighting, yet providing the visual comfort and energy saving that would be expected from LED high bays.

UGR (Unified Glare Rating) is a measure of the glare from all visible luminaires indoors adopted by CIE (International Commission on Illumination). It is a psychological measure of the subjective response of the light emitted by a lighting device in a visual environment that causes discomfort to the human eye. UGR is not a mandatory regulation, but an industry standard formulated by CIE to create a better lighting environment and protect the health of consumer.

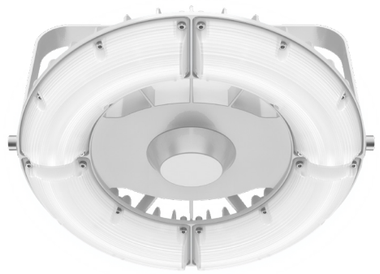
The Lynx 46 LED circular high bay is rugged and compact with super high efficacy up to 140lm/W
The circular heat sink design is not only elegant and unique but also good for heat dissipation
The tailored optic lens is designed to reduce UGR value and greatly improve visual comfort while maintaining high efficiency light emission
The lightweight design is ideal for warehouses, gymnasiums and production assembly areas
IP65, IK08, IP69K

100W / 150W / 200W, options
Efficacy up to 140lm/w
Low UGR
Single point mount for hook, pendant, or conduit mount
Microwave motion sensor available
5 years warranty
UGR<28
Surge protection:
1KV line to line, 2KV Line to earth

Life hours:
38,546 hrs-L90
81,637 hrs-L80
130,490 hrs-L70
CCT: 5000K
(3000K/4000K optional)

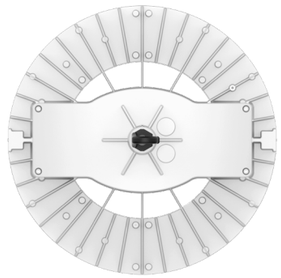
Lynx 46 High Bay Low UGR

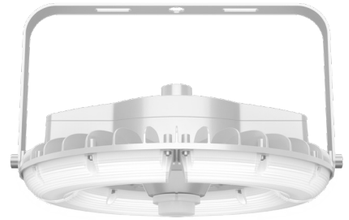
The Lynx 46 LED circular high bay is rugged and compact with super high efficacy up to 140lm/W. The circular heat sink design is not only elegant and unique but also good for heat dissipation.



01 02

03 04





CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
HBG4N/100**46	100	14,000	Ø320*208
HBG4N/150**46	150	21,000	Ø320*208
HBG4N/200**46	200	28,000	Ø320*208

Lynx 49 High Bay (DOB)

The Lynx 49 LED circular high bay is rugged and compact with a super high efficacy up to155lm/W. With driver on board (DOB) the Lynx49 is cost effective and the larger size heatsink of 362mm, ensures better heat dissipation thereby maximizing fitting longevity. The lightweight design accommodates easy installation & maintenance. The tailored optic lens is designed to reduce UGR value and greatly improve visual comfort while maintaining high-efficiency emission.

Applications:

Indoor ceiling application
Warehouse
Factory
Industrial facility
Chemical Facilities
Exhibition centers
Shopping malls
Stadiums
Toll stations

The Lynx 49 LED highbay is a cost effective low glare highbay with driver on board
It has a large heat sink of 322 mm that facilitated excellent heat management and fixture longevity
Fixture efficacy >155lm/W
Ingress protection: IP65
Impact rating: IK08
The lynx 49 can be supplied in 100W, 120W, 150W and 200W, options

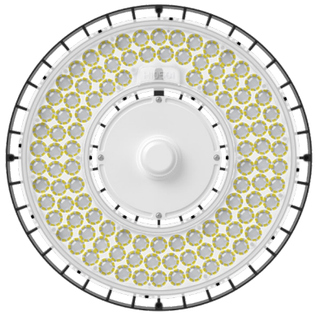
Single point mount for hook, pendant, ceiling mount standard bracket / ±60°adjustable bracket mounting options
Microwave / PIR motion sensors are available
5 years warranty

UGR<22
Surge protection:
4kV line-line, 4kV line to earth

Life hours:
43,000 hrs-L90
89,000 hrs-L80
142,000 hrs-L70
CCT: 5000K
(3000K/4000K optional)

Lynx 49 High Bay Low UGR

The Lynx 49 LED driver on board (DOB) high bay is designed to provide exceptional performance, low UGR and extraordinaly life span. The Lynx 49 is aimed provide a cost effective solution without compromising fixture performance.



01 02
03 04

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
HBL5D/10050049	100	15,500	Ø362*123
HBL5D/12050049	120	18,600	Ø362*123
HBL5D/15050049	150	23,250	Ø362*123
HBL5D/20050049	200	31,000	Ø362*123

Vella 01 High Bay Low UGR

The Vella 01 is a modern canopy light focusing on human centricity through providing high efficacy, visual comfort, ease of instalation, whilst remaning cost effective.
The power can be adjusted to 30%, 50%, 75% and 100%. The CCT can be adjusted to cool white, natural white and warm white.

Application: indoor and outdoor lighting

Gas stations
Petroleum Canopy lighting
Underground parking lot
Warehouse
Industrial Facility
Exhibition Center
Shopping Mall
Gymnasium
Toll Station

The Vella 01 LED canopy light is a compact, super high efficacy low UGR fixture
Full wattage range: 75w, 100w and 120w
High light efficacy 150lm/w
90° and 120° beam angles
Fixture body is made from die-cast aluminum
3 CCT & 4 wattage adjustable available
Multiple installations:
Ceiling mounting
G 3/4 Conduit Mounting
Full certificates CE, ROHS, C-TICK SAA
Ingress protection level: IP65
Impact Rating: IK08
Operating Temperature: -30°C to + 50°C
5 years warranty

Microwave motion sensor available
5 years warranty
UGR<28
Surge protection:
6kV line-line, 10kV line-earth

Life hours:
45,000 hrs-L90
90,000 hrs-L80
148,000 hrs-L70
CCT: 5000K
(3000K/4000K optional)

Vella 01 Canopy Light

Vella 01 is a cost-effective gas station light with a simple but stylish design. It is designed with a clean smooth housing and provides exceptional visual comfort. The aluminum die-casting heat sink is light weight and has excellent thermal performance. A variety of installation methods are available to ease of application specific requirements

01 02
03 04

CODE	POWER (W)	LUMEN (LM)	DIMENSIONS (MM)
CB5N/075**01	75	11,250	369*369*65
CB5N/100**01	100	15,000	369*369*65
CB5N/120**01	120	18,000	369*369*65