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LED BAY LIGHT

INDUSTRIAL & COMMERCIAL APPLICATIONS

Round high bay



Linear high bay



Rectangular high bay



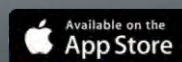
GUIDE FOR HIGH BAY LIGHT PRODUCTS SELECTION

| LED HIGH BAY | |  |  |  |  |  |  |  |  |  |
|---------------|-------------------|---|---|---|---|---|---|---|---|---|
| | | RUDDER SERIES | LUNA SERIES | POLAR STAR SERIES | DIAMOND SERIES | A-STAR SERIES | PHENAS SERIES | ORION SERIES | JP-PLUS SERIES | TITAN SERIES |
| GENERAL SPECS | Power range | 80W-200W | 200W | 80W-240W | 80W-200W | 80W-240W | 80W-240W | 100W-300W | 100W-600W | 30W-330W |
| | Efficiency(lm/W) | 160-180 | 160-180 | 160-180 | 160-180 | 160-180 | 150-160 | 130-180 | 130-180 | 150-160 |
| | CRI | 70/80/90 | 70/80/90 | 70/80/90 | 70/80/90 | 70/80/90 | 70/80/90 | 70/80/90 | 70/80/90 | 70/80/90 |
| | Beam angles | 90° | 60°/90°/120° | 60°/90°/120° | 60°/90°/120° | 60°/90°/120° | 60°/90°/120° | 120°/30°*60° | 78°/120°/30°*60° | 30°/60°/90°/120° |
| | Housing | Die-casting AL | Die-casting AL | Die-casting AL | Die-casting AL | Die-casting AL | Stamping AL | Extruded AL | Extruded AL+Steel | Die-casting+Stamping AL |
| | Lifetime | >50000H | >50000H | >50000H | >50000H | >50000H | >50000H | >50000H | >50000H | >50000H |
| | Ambient range | -30°C - +45°C | -30°C - +50°C | -30°C - +50°C | -30°C - +50°C | -30°C - +50°C | -30°C - +45°C | -30°C - +50°C | -30°C - +50°C | -30°C - +50°C |
| | IP | ≥65 | ≥65 | ≥65 | ≥65 | ≥65 | ≥65 | 40/65 | 20 | ≥65 |
| | IK | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 | 08 |
| CONTROL | Motion sensor | | ● | ● | | | | | ● | |
| | Wireless control | | ● | ● | | | | | ● | |
| | CCT adjustable | | | | ● | | | | ● | |
| | Emergency version | | ● | ● | ● | ● | ● | ● | ● | ● |
| OPTICAL | Optic lens | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Diffuser | | | | | | | ● | ● | |
| | AL Reflector | | | ● | ● | ● | | | | |
| | PC/PMMA refractor | | | ● | ● | ● | | | | |
| DRIVER | Round | | | ● | ● | ● | ● | | | |
| | Square | | | ● | ● | ● | ● | ● | ● | ● |
| | Independent | | | ● | ● | ● | ● | ● | ● | ● |
| | Built-in | | ● | | | | | | | |
| INSTALLATION | Integrated | ● | | | | | | | | |
| | Loop | ● | ● | ● | ● | ● | ● | | | |
| | Hook | ● | ● | ● | ● | ● | ● | | | |
| | Rod/conduit | ● | ● | ● | ● | ● | ● | | | |
| | Bracket | | | ● | ● | ● | ● | | | ● |
| Suspend cable | | | | | | | ● | ● | | |

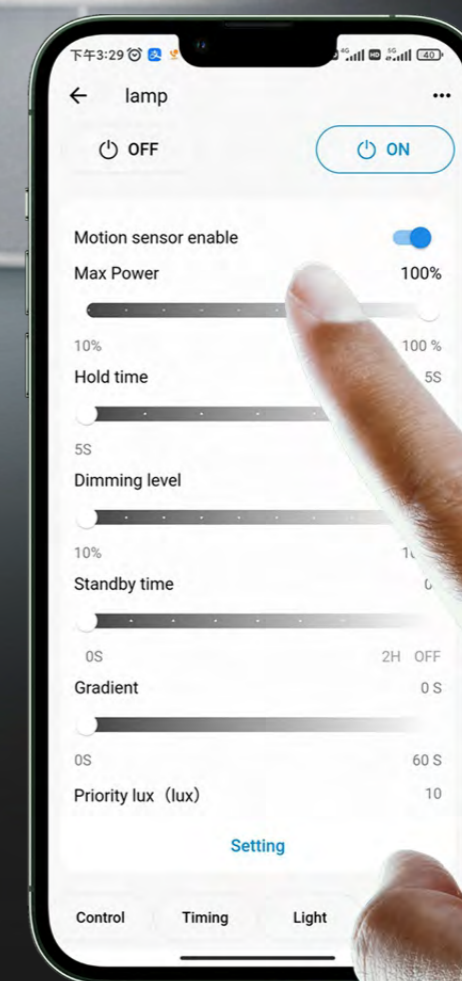
CONTROLS AND ENERGY SAVING SOLUTIONS

More flexible on warehouse lighting solutions

- ◉ Motion sensor
- ◉ Wireless control
- ◉ Dimmable
- ◉ CCT changable



CCT CHANGABLE



INSTALLATIONS AND DRIVER BRANDS

Installation Options



CHAIN

HOOK

LOOP



BRACKET

CONDUIT/ROD

LIFTER

Driver brands



MOTION INDUCTION

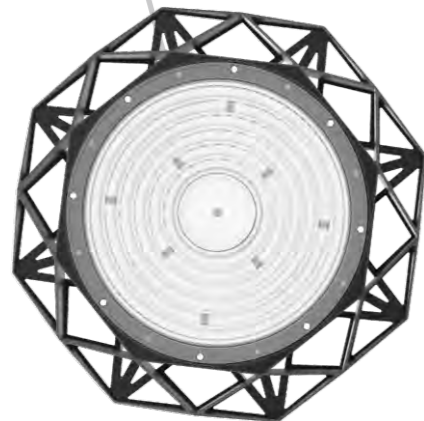


0-10V DIMMING



DALI DIMMING

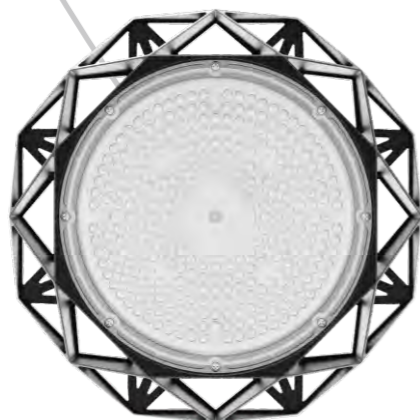
OPTICAL SOLUTIONS AND LED BRANDS



Mixed ring shaped lens
(60°, 90°, 120° adjustable)



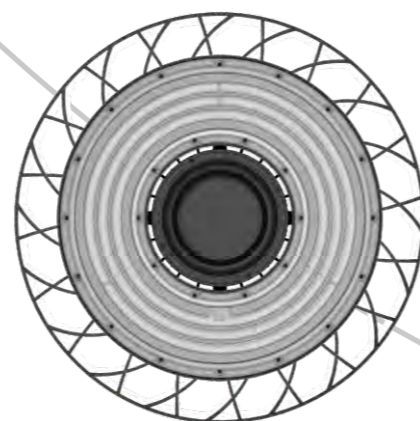
PMMA/PC refractor



Dot lens



Aluminium reflector

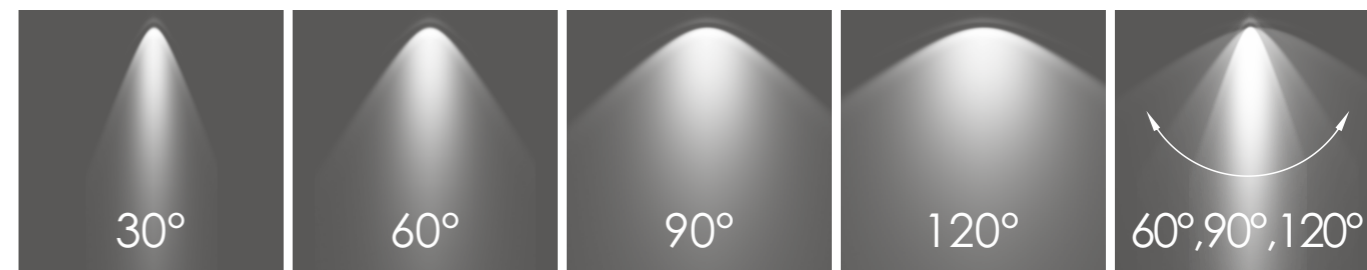


Ring shaped lens

LED brands



Beam angle



UGR ≤ 19
LOW UGR SOLUTIONS available

adjustable

RUDDER SERIES LED HIGH BAY

Features

- ◉ Integrated driver solution
- ◉ “0” screw exposed external
- ◉ over 50% packing space, storage space saved
- ◉ 100% loading QTY increased based on same space



≥IP65
Protection Rating



3000K-6500K
Color Temperature



>50000H
Service duration



220-240V/100-277V
Ac input voltage



80W-200W
Available Power



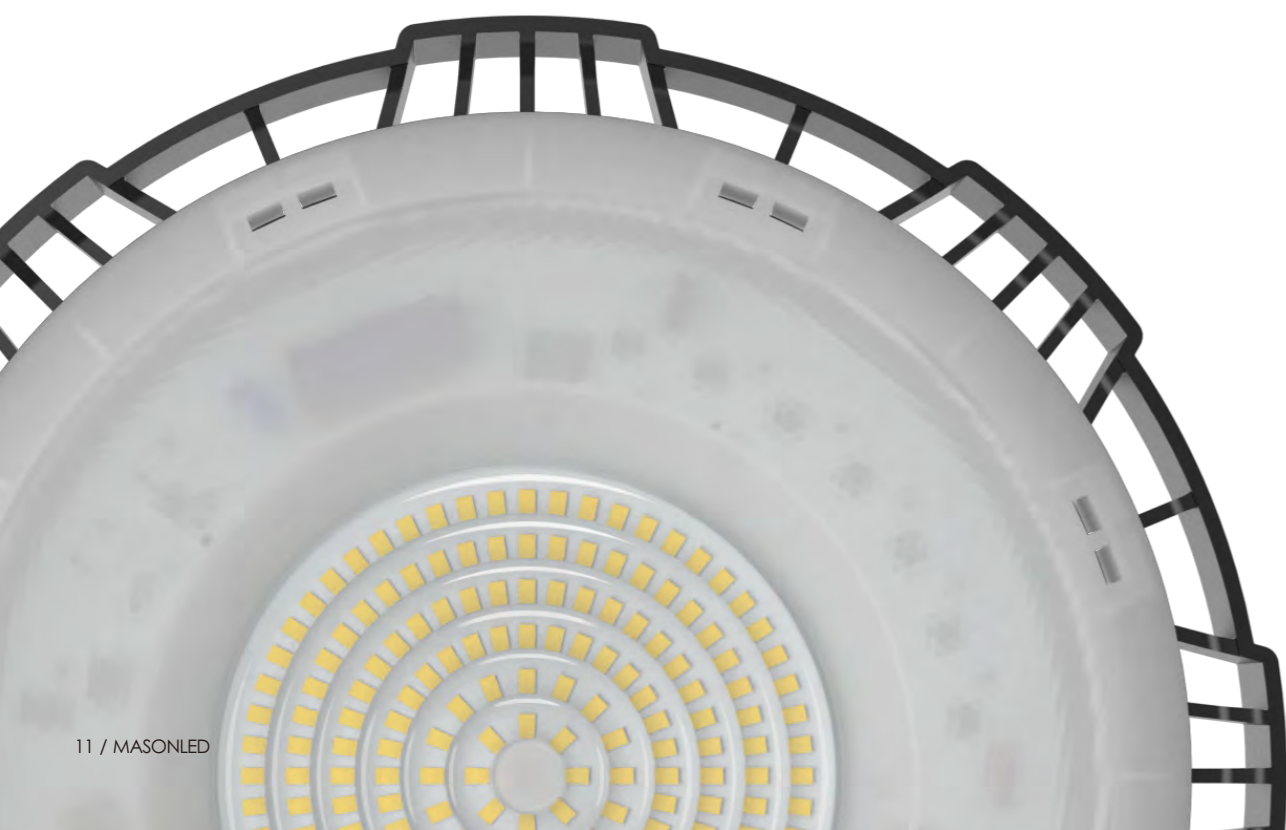
-30°C - +50°C
Ambient temperature



Warranty
5 years

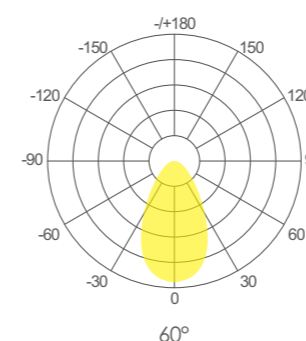


CRI 70/80/90
Colour rendering index values

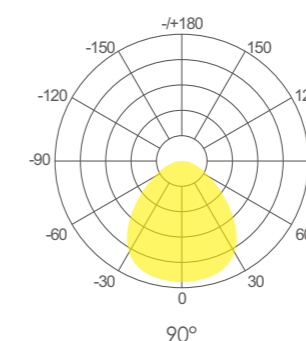


Technical Parameters

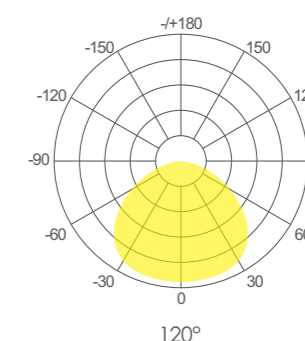
| | |
|-----------------------|-----------------------|
| System Power | 100W |
| | 200W |
| | 300W |
| Luminous Efficiency | 160-180lm/W |
| Structure Description | Die casting aluminium |
| Product Size(φ*H)mm | 250*51 (100W) |
| | 292.5*51 (200W) |
| | 335*51 (300W) |
| Weight(kg) | 1.2(100W) |
| | 1.8(200W) |
| | 2.4(300W) |



60°



90°

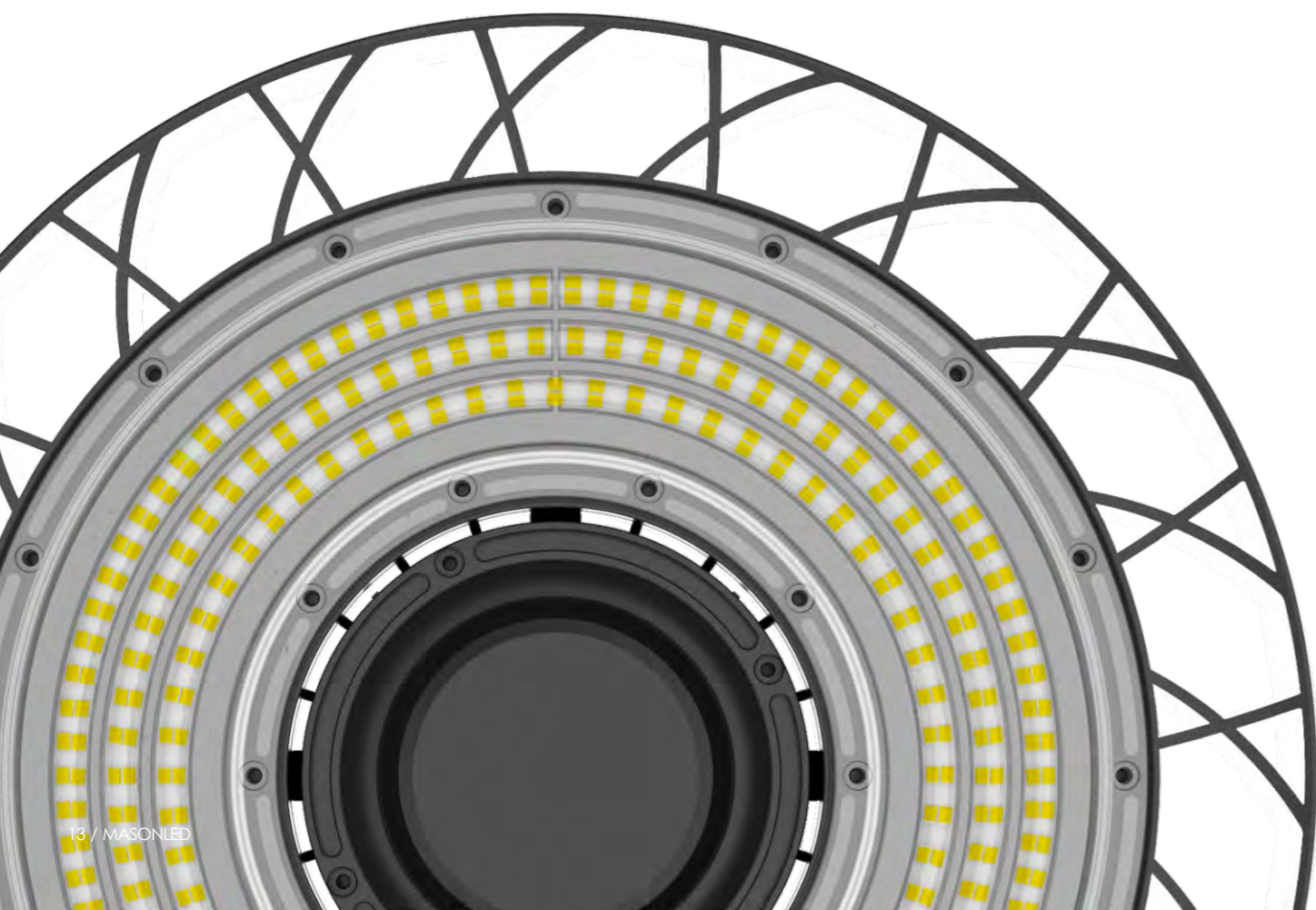
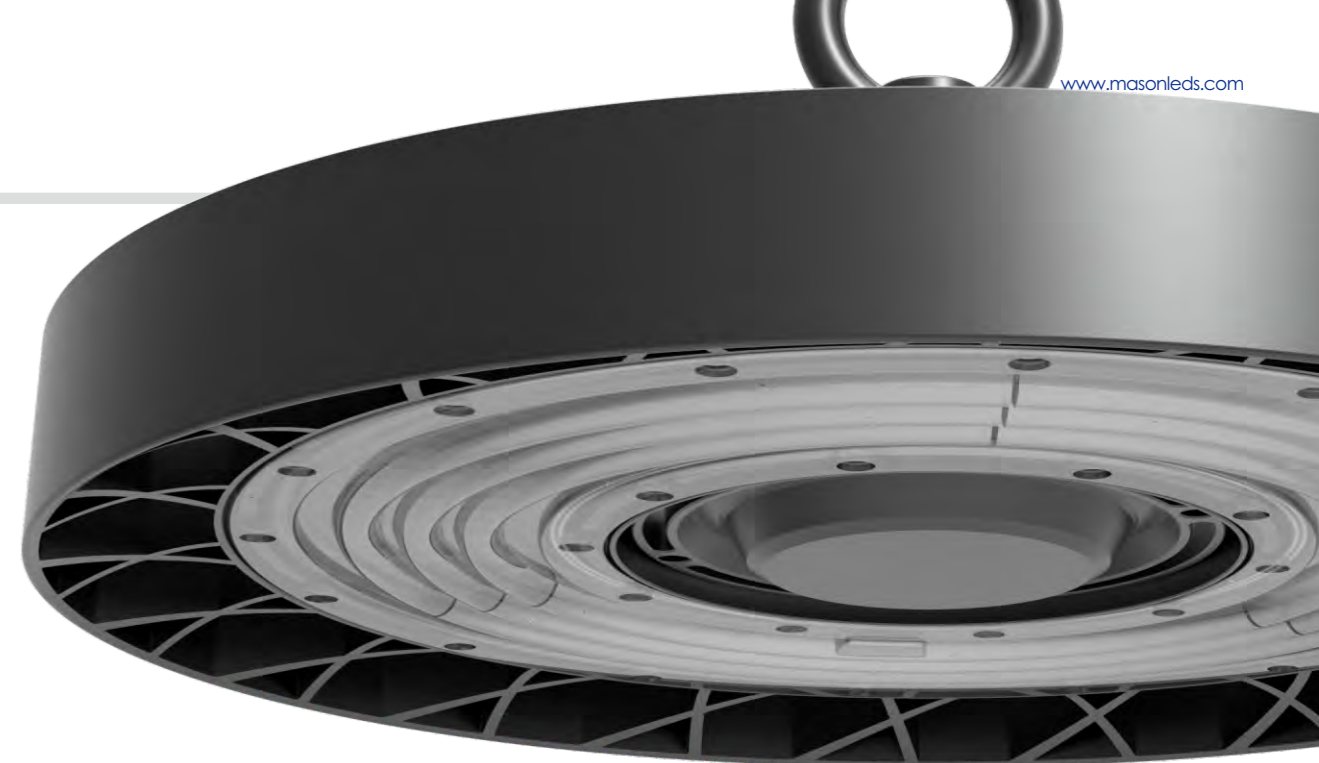


120°

LUNA SERIES LED HIGH BAY

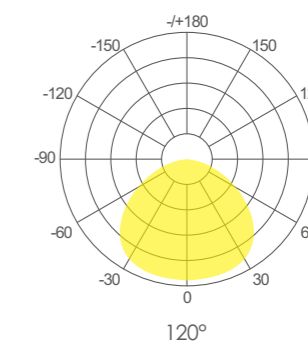
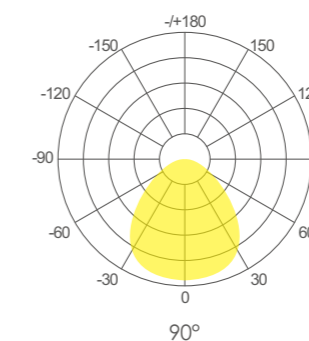
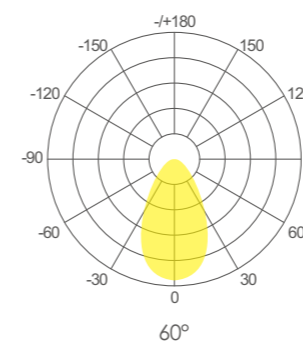
Features

- Built-in driver
- Built-in motion sensor
- Built-in wireless control node (Bluetooth technology)
- All in one solution



Technical Parameters

| | |
|-----------------------|-----------------------|
| System Power | 200W |
| Luminous Efficiency | 160-180lm/W |
| Structure Description | Die casting aluminium |
| Product Size(L*H)mm | 325*135 |
| Weight(kg) | 3.55 |



 **≥IP65**
Protection Rating

 **3000K-6500K**
Color Temperature

 **>50000H**
Service duration

 **100-240V/120-277V**
Ac input voltage

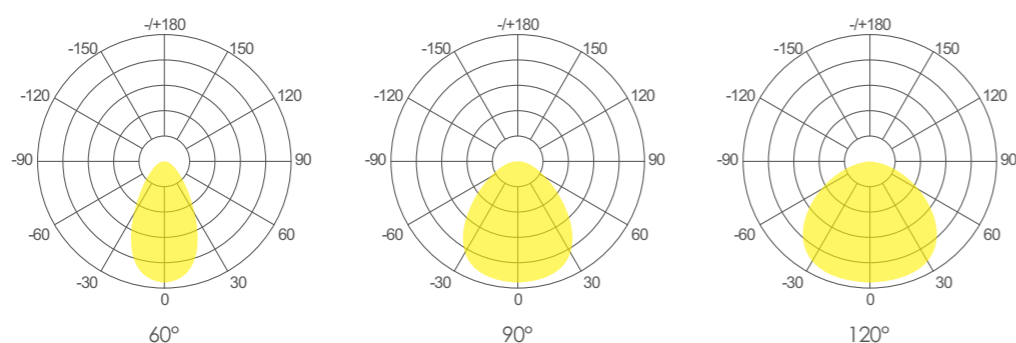
 **200W**
Available Power

 **-30°C - +50°C**
Ambient temperature

 **Warranty**
5 years

 **CRI 70/80/90**
Colour rendering index values

POLAR STAR LED HIGH BAY



- ≥IP65**
Protection Rating
- 3000K-6500K**
Color Temperature
- >50000H**
Service duration
- 100-240V/120-277V**
Ac input voltage
- 80W-240W**
Available Power
- 30°C - +50°C**
Ambient temperature
- Warranty**
5 years
- CRI 70/80/90**
Colour rendering index values

Features

- ◉ Motion sensor interface reserved
- ◉ Wireless control
- ◉ Power adjustable through DIP switch



Technical Parameters

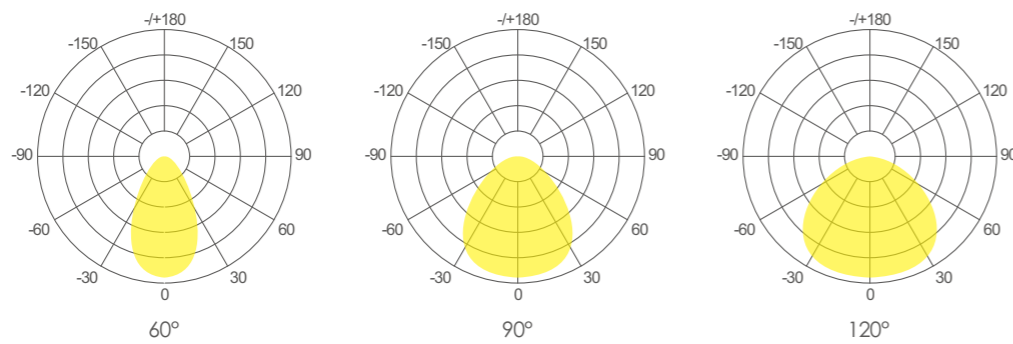
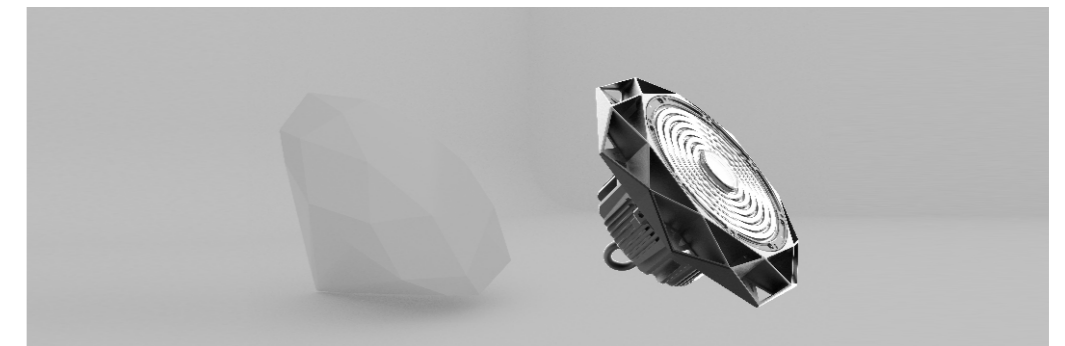
| | |
|------------------------------|--------------------|
| System Power | 80W |
| | 100W |
| | 120W |
| | 150W |
| | 200W |
| | 240W |
| Luminous Efficiency | 160-180lm/W |
| Structure Description | Die-casting |
| Product Size(L*H)mm | 270*173(80W/100W) |
| | 290*173(120W/150W) |
| | 310*185(200W) |
| | 350*186(240W) |
| Weight(kg) | 2.8(80W/100W) |
| | 3.2(120W/150W) |
| | 3.6(200W) |
| | 4.5(240W) |
| | |

DIAMOND SERIES LED HIGH BAY



Features

- ◉ Unique "diamond" appearance element design
- ◉ Beam angle adjustable (60,90,120°),adjust in seconds
- ◉ CCT or power adjustable version optional
- ◉ Low UGR version supplied



Technical Parameters

| | |
|------------------------------|-----------------------|
| System Power | 80W |
| | 100W |
| | 150W |
| | 200W |
| Luminous Efficiency | 160 - 180lm/W |
| Structure Description | Die casting aluminium |
| Product Size(φ * H)mm | 255*126(80W/100W) |
| | 305*136(150W/200W) |
| Weight(kg) | 2.5(80W) |
| | 2.55(100W) |
| | 3.5(150W) |
| | 3.55(200W) |

- ≥IP65 Protection Rating
- 3000K-6500K Color Temperature
- >50000H Service duration
- 100-240V/120-277V Ac input voltage
- 80W-200W Available Power
- 30°C - +50°C Ambient temperature
- Warranty 5 years
- CRI 70/80/90 Colour rendering index values

A-STAR SERIES LED HIGH BAY



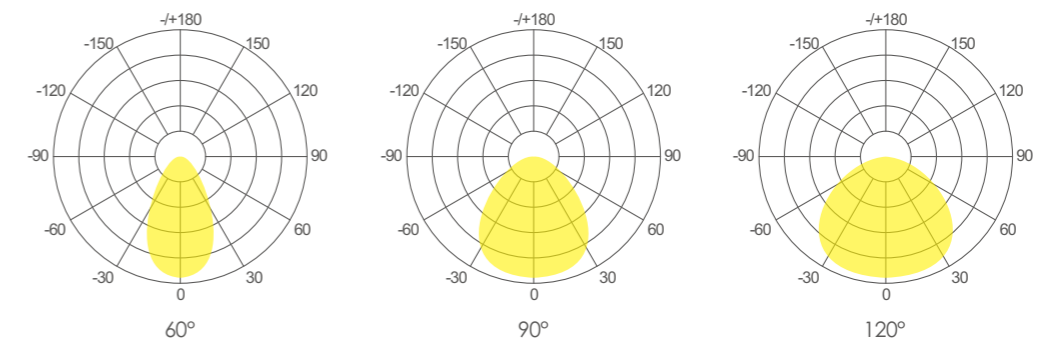
Technical Parameters

| | |
|------------------------------|----------------------|
| System Power | 80W |
| | 100W |
| | 120W |
| | 150W |
| | 200W |
| | 240W |
| Luminous Efficiency | 160-180lm/W |
| Structure Description | Die-casting |
| Product Size(L*H)mm | 275*166mm(80W/100W) |
| | 285*168mm(120W/150W) |
| | 305*177mm(200W) |
| | 360*183mm(240W) |
| Weight(kg) | 2.8(80W/100W) |
| | 3.2(120W/150W) |
| | 3.6(200W) |
| | 4.5(240W) |

Features

- Die casting aluminum housing
- Perfectly suitable for logistical centers, warehouses
- Beam angle optional: 60°; 90°; 120°
- Branded LED driver and LED components
- Easy to instal, fast replacement

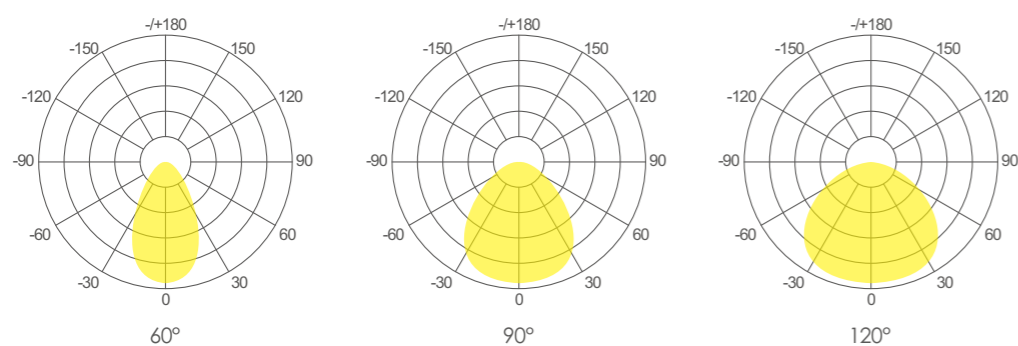
| | | | |
|------------------------------------|---|---------------------------------------|--|
| ≥IP65 Protection Rating | 3000K-6500K Color Temperature | >50000H Service duration | 100-240V/120-277V Ac input voltage |
| 80W-240W Available Power | -30°C - +50°C Ambient temperature | Warranty 5 years | CRI 70/80/90 Colour rendering index values |



PHENAS SERIES LED HIGH BAY

Features

- ◉ Unique heatsink design
- ◉ Optical PC lens and 60°, 90°, 120° beam angle optional
- ◉ Stamping cover, with less weight for whole highbay
- ◉ Dimmable driver for options
- ◉ Up to 130 lm/W, high efficiency output
- ◉ 3 sizes available
- ◉ High purity Aluminium housing



Technical Parameters

| | |
|------------------------------|----------------------|
| System Power | 80W |
| | 100W |
| | 120W |
| | 150W |
| | 200W |
| | 240W |
| Luminous Efficiency | 150-160lm/W |
| Structure Description | Stamping aluminium |
| Product Size(L*H)mm | 300*180mm(80W/100W) |
| | 360*190mm(120W/150W) |
| | 420*190mm(200W/240W) |
| Weight(kg) | 3.1(80W/100W) |
| | 4.2(120W/150W) |
| | 5.1(200W/240W) |



≥IP65
Protection Rating



3000K-5700K
Color Temperature



>50000H
Service duration



100-240V/120-277V
Ac input voltage



80W-240W
Available Power



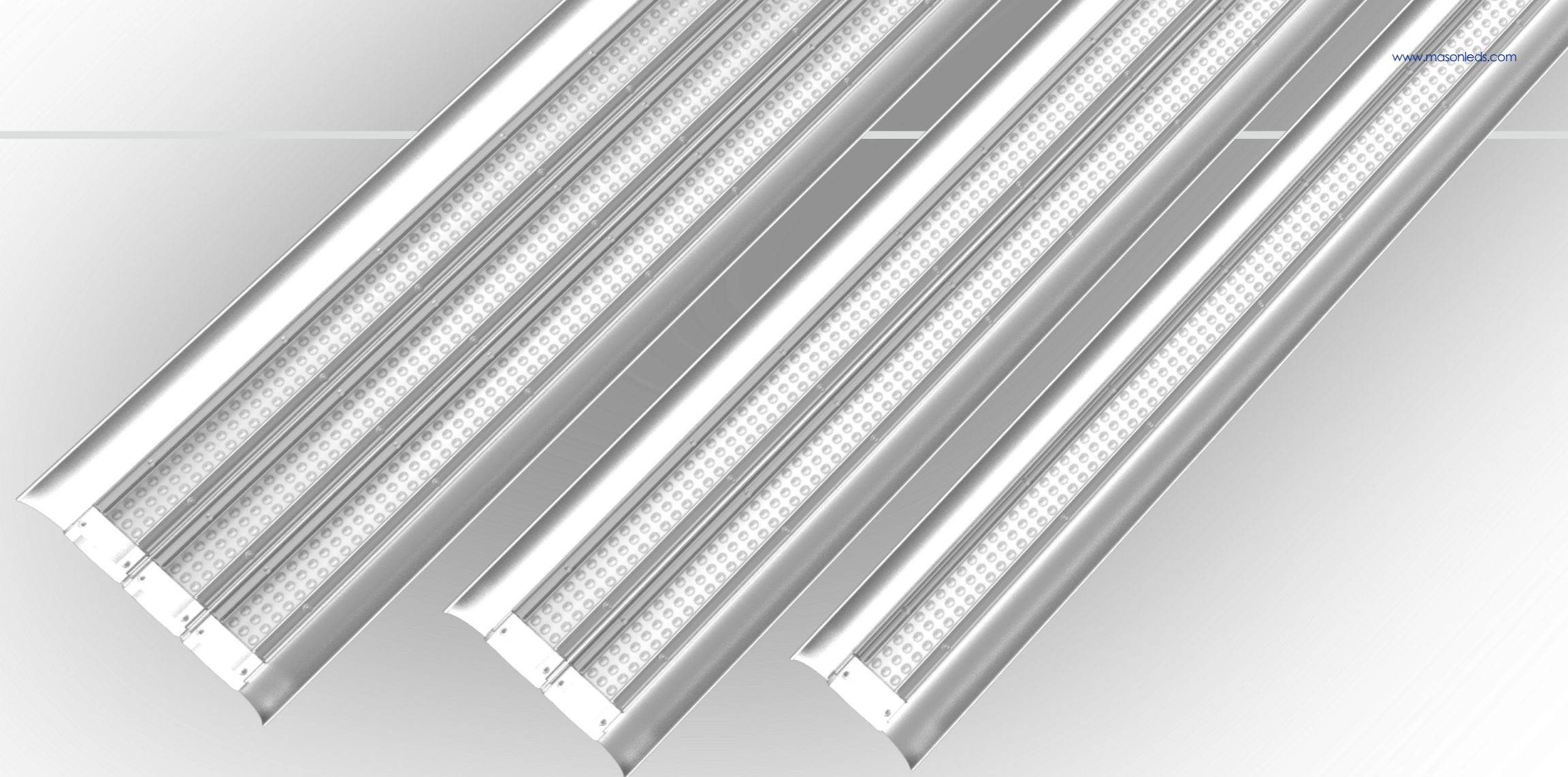
-30°C - +45°C
Ambient temperature



Warranty
5 years



CRI 70/80/90
Colour rendering index values



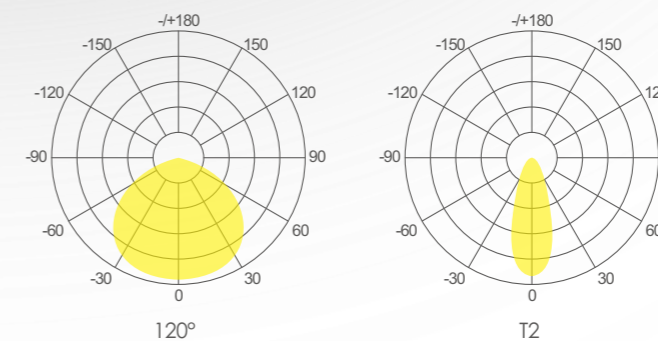
ORION SERIES LED HIGH BAY

Features

- ◉ Extruded Aluminum housing
- ◉ Robust and compact mechanical design
- ◉ IP40 & IP65 version for options
- ◉ Special optical lens for aisles(30*60°) offered

Technical Parameters

| | |
|------------------------------|--------------------|
| System Power | 100W |
| | 200W |
| | 300W |
| Luminous Efficiency | 130-180lm/W |
| Structure Description | Extruded aluminium |
| Product Size(L*W*H)mm | 1200*108*86(100W) |
| | 1200*158*86(200W) |
| | 1200*208*86(300W) |
| Weight(kg) | 2.4(100W) |
| | 3.8(200W) |
| | 5.1(300W) |



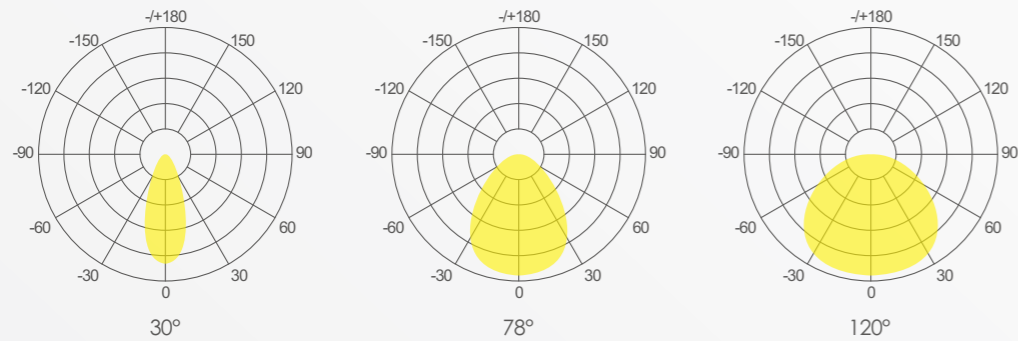
- IP40/65**
Protection Rating
- 3000K-6500K**
Color Temperature
- >50000H**
Service duration
- 100-240V/120-277V**
Ac input voltage
- 100W-300W**
Available Power
- 30°C - +50°C**
Ambient temperature
- Warranty**
5 years
- CRI 70/80/90**
Colour rendering index values



JP-PLUS SERIES LED HIGH BAY

Features

- ◉ The latest generation of JP-Plus is compatible with new plugin integrated hardware to achieve sensor mode and wireless control
- ◉ Power and Color Temperature Selectable provide significant SKU reduction
- ◉ Available in narrow or wide light beam angle, perfect for warehouses, gymnasiums and light industrial applications
- ◉ Available in various sizes, length optional at 0.4M, 0.6M, 0.8M, 1.2M, combined with 2 light modules and 4 modules.



Technical Parameters

| | | |
|---------------------|------------------------------|--------------------|
| System Power | 100W-300W | |
| | 400W-600W | |
| | 100W-200W | |
| | 240W-400W | |
| | 100W-150W | |
| | 200W-300W | |
| | 100W | |
| | 150W-200W | |
| | Luminous Efficiency | 130-180lm/W |
| | Structure Description | Extruded aluminium |
| Module Qty | 2(100W-300W) | |
| | 4(400W-600W) | |
| | 2(100W-200W) | |
| | 4(240W-400W) | |
| | 2(100W-150W) | |
| | 4(200W-300W) | |
| | 2(100W) | |
| | 4(150W-200W) | |
| Length(mm) | 1200mm(100W-600W) | |
| | 800mm(100W-400W) | |
| | 600mm(100W-300W) | |
| | 400mm(100W-200W) | |

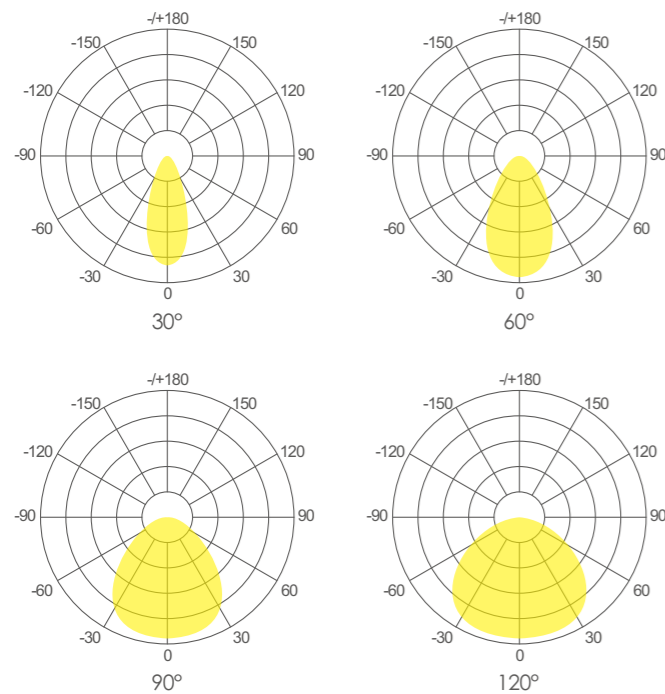
| | | | |
|-------------------------------------|---|---------------------------------------|--|
| IP20 Protection Rating | 3000K-6500K Color Temperature | >50000H Service duration | 100-240V/120-277V Ac input voltage |
| 100W-600W Available Power | -30°C - +50°C Ambient temperature | Warranty 5 years | CRI 70/80/90 Colour rendering index values |



TITAN SERIES LED HIGH BAY

Features

- Modular design
- Multiple optical lens 30°, 60°, 90°, 120°, and more other kind Asymmetrical lens
- Wattages coverage 30W-330W



Technical Parameters






| | |
|------------------------------|-------------------------------|
| System Power | 30W |
| | 60W |
| | 90W |
| | 120W |
| | 150W |
| | 180W |
| | 210W |
| | 240W |
| | 270W |
| | 300W |
| 330W | |
| Luminous Efficiency | 150-160lm/W |
| Structure Description | Die-casing+stamping aluminium |
| Product Size(L*W*H)mm | 193*341.5*234.5(30W/60W) |
| | 273*341.5*234.5(90W/120W) |
| | 353*341.5*234.5(150W/180W) |
| | 433*341.5*234.5(210W/240W) |
| | 513*341.5*234.5(270W/300W) |
| | 593*341.5*234.5(330W) |
| Weight(kg) | 5.4(30W/60W) |
| | 6.1(90W/120W) |
| | 6.8(150W/180W) |
| | 7.4(210W/240W) |
| | 8.1(270W/300W) |
| | 8.8(330W) |

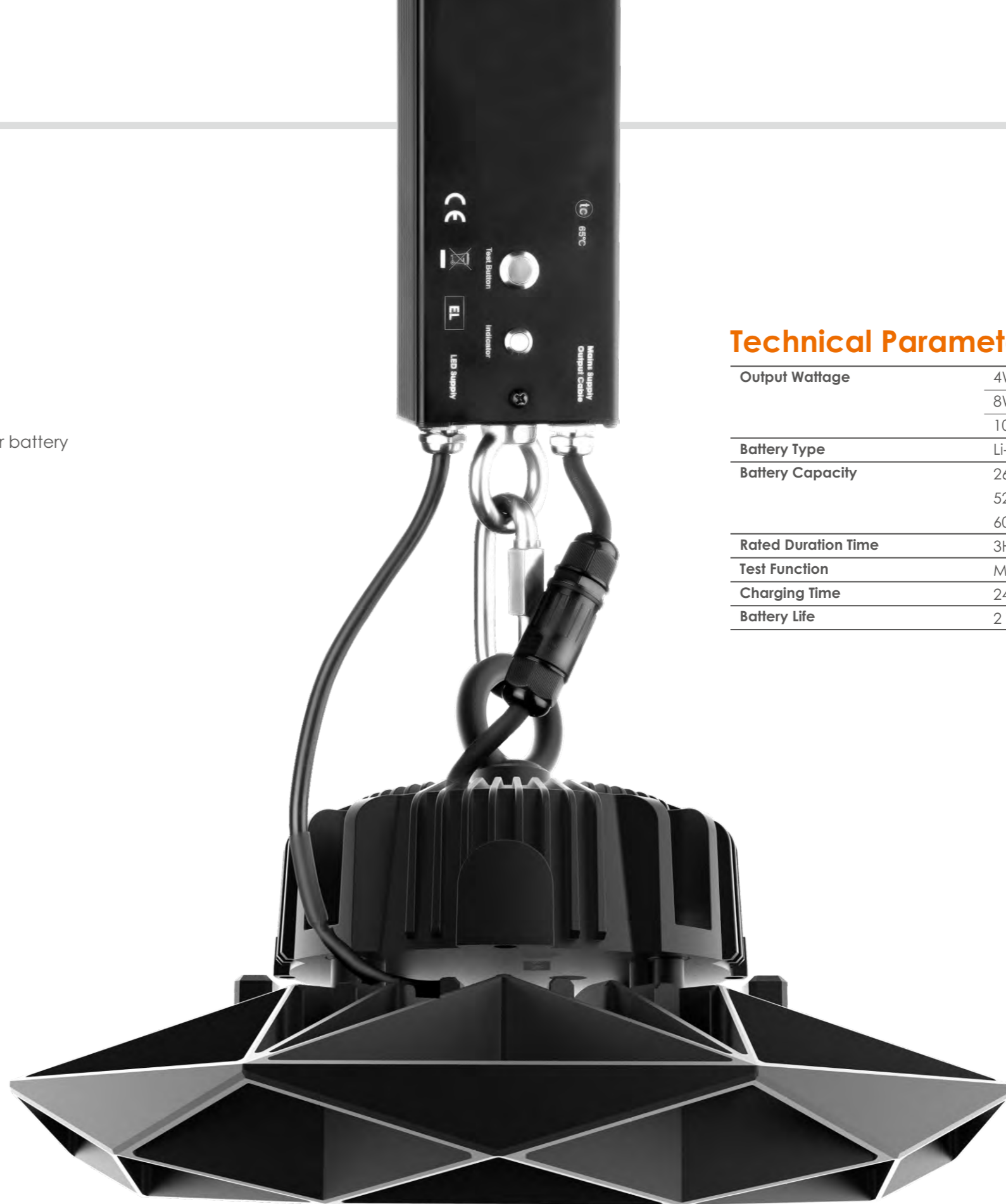
- **IP65** Protection Rating
- **3000K-6500K** Color Temperature
- **>50000H** Service duration
- **100-240V/120-277V** Ac input voltage
- **30W-330W** Available Power
- **-30°C - +50°C** Ambient temperature
- **Warranty 5 years**
- **CRI 70/80/90** Colour rendering index values

EMERGENCY KIT FOR LED HIGH BAY

Features

- Up to 3 hours rated duration
- Built-in non-replaceable LHO battery pack
- Over-charge, over-current, short-circuit and deep discharge protection for battery
- For maintained or non-maintained emergency lighting systems
- Wired between LED module and LED driver via water-proof connector
- Suitable for use in luminaires for high-risk task area lighting

-  **≥IP65**
Protection Rating
-  **3000K-6500K**
Color Temperature
-  **CRI 80**
Colour rendering index values
-  **>50000H**
Service duration
-  **220-240V**
Ac input voltage



Technical Parameters

| | |
|---------------------|--------------|
| Output Wattage | 4W |
| | 8W |
| | 10W |
| Battery Type | Li-Ion 18650 |
| Battery Capacity | 2600mAh |
| | 5200mAh |
| | 6000mAh |
| Rated Duration Time | 3Hrs |
| Test Function | Manual |
| Charging Time | 24Hrs |
| Battery Life | 2 Years |