

WSS Series

The new generation of LED high bay light adopts the appearance of UFO, which makes it more futuristic, longer lifespan, lower maintenance and higher efficiency. Replace less-efficient traditional 500W metal halide bulb with a 31,000lms output at 240W LED. Slim body, lightweight no bulky heat sink, internal isolation high performance LED driver as well as LM80 LEDs, the LED high bay light can also work with 0-10V dimmer, brightness is adjustable as your desire. Preinstalled hook make it easily for a fast installation, and come with an alternative sturdy U-bracket to mount the LED high bay light to wall or ceiling and adjust it to achieve expected emitting angle. It's simple to replace existing lights or make a new installation. The LED high bay light is ideal for commercial or industrial lighting, such as warehouses, factories, gyms, supermarkets, stadiums, retail spaces, workshops, industrial areas, garages, etc.



FEATURES

- . CE/RoHS listed,
- . IP66 rated
- . 130 lumens per watt
- . 100-277V universal voltage
- . 0-10V/Dali dimming optional
- . Microwave Motion Sensor for Bi-Level control
- . Glass lens or PC lens optional

WSS Series

APPLICATIONS

- Wet areas
- Warehouses
- Factories
- Gyms
- Supermarkets
- Stadiums
- Workshops
- Retail spaces
- Industrial areas
- Garages

CONSTRUCTION

- Die-cast aluminum body(White)
- 120° Glass diffuse 60° PC Lens
- Internal isolation high performance LED driver as well as LM80 LEDs, the LED highbay light can also work with 0-10V dimmer,
- Preinstalled hook make it easily for a fast installation
- Sturdy U-bracket to mount the LED highbay light to wall or ceiling



Gyms



Industrial areas

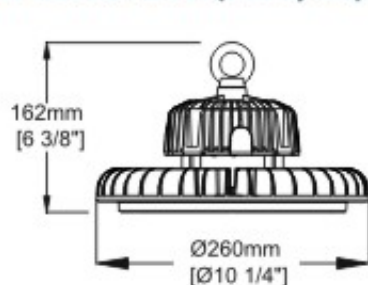


Warehouses

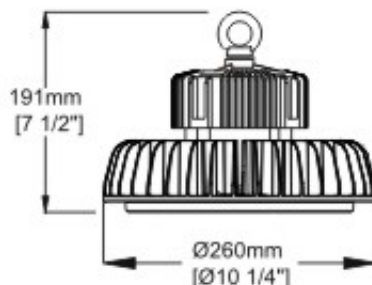


Factories

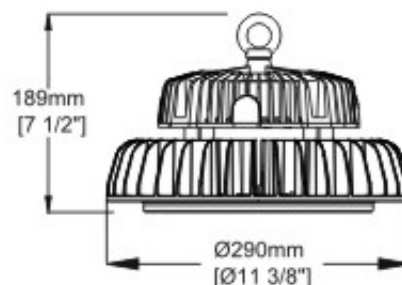
DIMENSION:(mm/in)



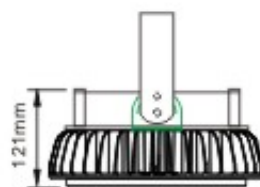
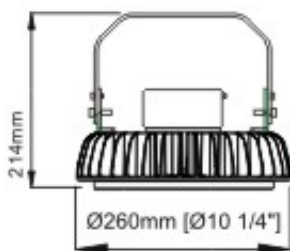
100W



150W



240W



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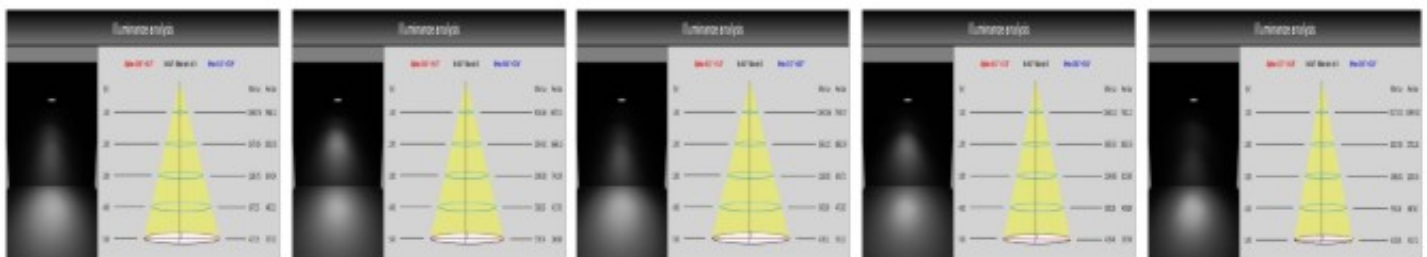
TECHNICAL SPECIFICATION

- Input Voltage : 100-277VAC
- Driver Type : UL Approved Flicker-free
- Luminous Efficacy : up to 130-135lm/w
- Colour Rendering Index : > 80Ra
- LED Type : LM80 SMD3030
- Operating : Temperature:-30°C up to 50°C
(-22°F up to 122°F)
- Color Temperature : 3000K/4000K/5000K/5700K
- Material : Die-cast Aluminum body & Polycarbonate Diffuser/Toughened glass
- Ingress Protection : IP65
- Impact Rating : IK08
- Rated Life : 50,000 hours
- Warranty : 5 years

Produce Code	KLHB100WSS-XXKL6	KLHB150WSS-XXKL9	KLHB200WSS-XXKGO	KLHB240WSS-XXKGO
Power Consumption(W)	100W	150W	200W	240W
Lumens Delivered (lm)	13000lm	20000lm	26000lm	31200lm
Efficacy (lm/W)	130lm/w	130lm/w	130lm/w	130lm/w
Beam Angle	60°/90°/120°	60°/90°/120°	60°/90°/120°	60°/90°/120°
CRI	80	80	80	80
Color Temperature	3000K/4000K/ 5000K/5700K	3000K/4000K/ 5000K/5700K	3000K/4000K/ 5000K/5700K	3000K/4000K/ 5000K/5700K
Power Factor	>0.9	>0.9	>0.9	>0.9
Housing	Die-cast aluminum body(White). 120° Glass diffuse , 60° PC Lens	Die-cast aluminum body(White). 120° Glass diffuse , 60° PC Lens	Die-cast aluminum body(White). 120° Glass diffuse , 60° PC Lens	Die-cast aluminum body(White). 120° Glass diffuse , 60° PC Lens
Input Voltage	100-277VAC	100-277VAC	100-277VAC	100-277VAC
Installation	via cable & pendant suspension & surface mounted	via cable & pendant suspension & surface mounted	via cable & pendant suspension & surface mounted	via cable & pendant suspension & surface mounted
Operating Temperature	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)	-30°C up to 50°C (-22°F up to 122°F)
Certification	CE/ROHS	CE/ROHS	CE/ROHS	CE/ROHS
Warranty	5 years	5 years	5 years	5 years

LUMINAIRE PHOTOMETRIC

Illuminance (PC Reflector)



16in
Angles:60

16in
Angles:90

19in
Angles:60

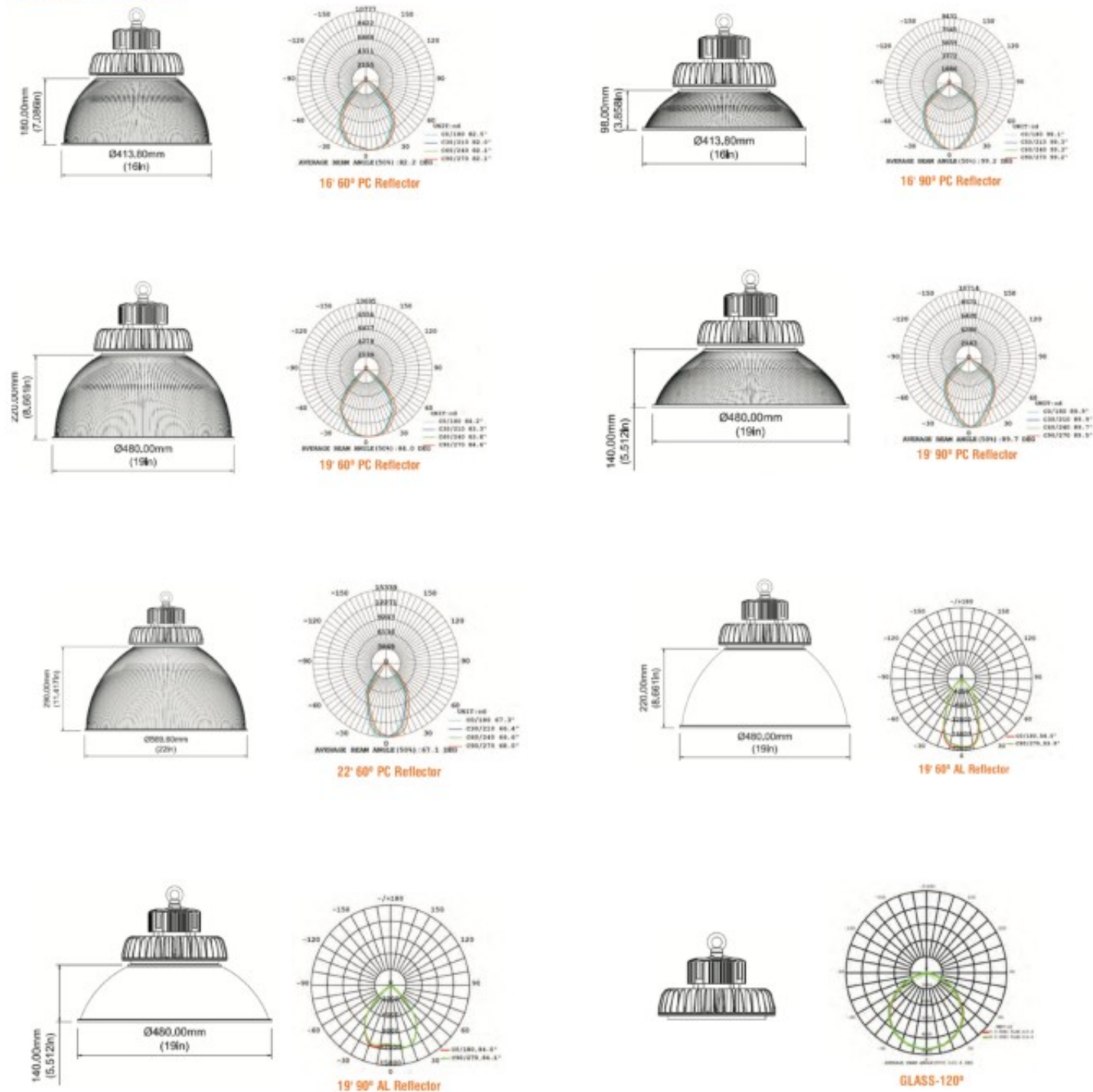
19in
Angles:90

22in
Angles:60

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Light Distribution Curve

Distribution Diagram:



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Product Show



Installation Hold for
PC/Aluminum Reflector



16" 60° PC Reflector



16" 90° PC Reflector



19" 60° PC Reflector



19" 90° PC Reflector



22" 90° PC Reflector

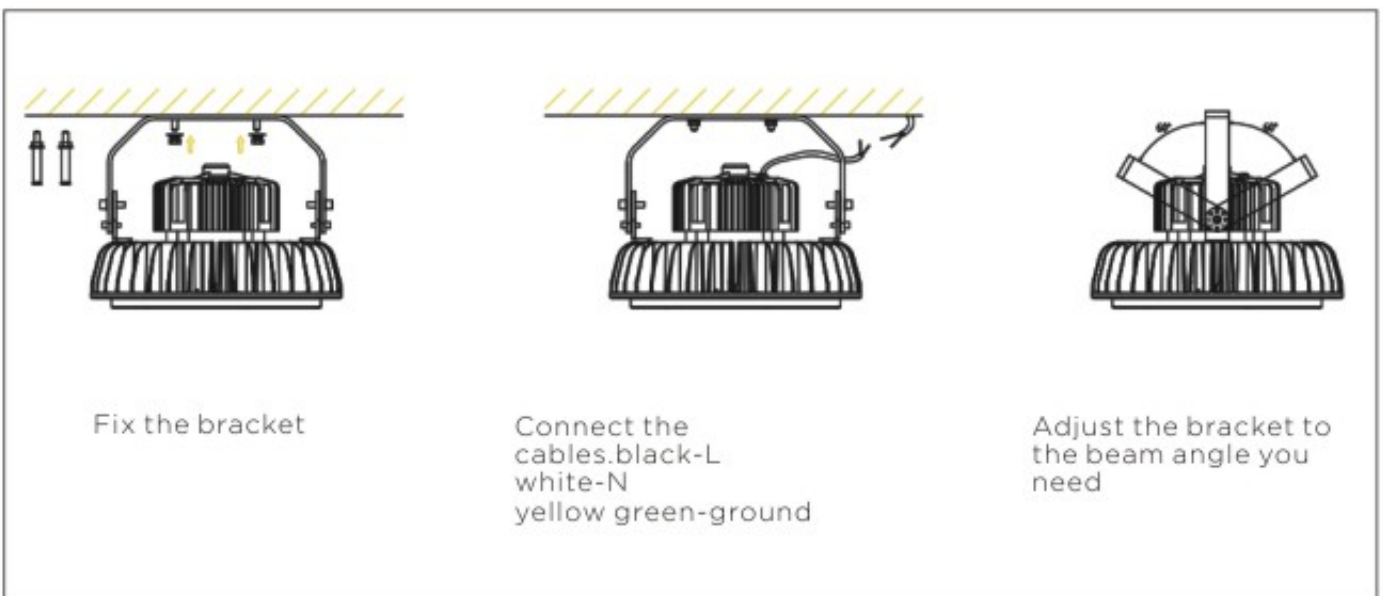
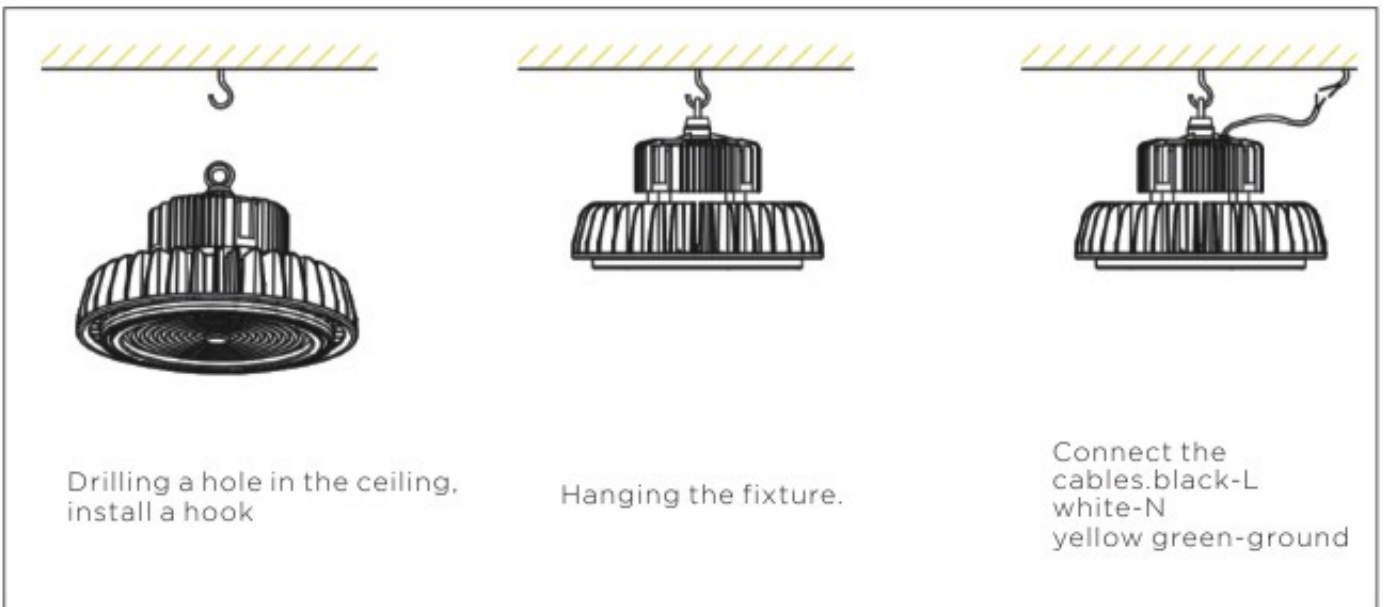
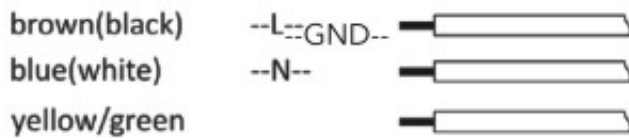
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Installation

⚡ Wiring Diagram



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Warning

- To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier first.
- Please authorize only qualified personnel to install the lamp and ensure they follow the instruction manual. Any improper installation might cause falling, electric shock, fire, or other injury, damage or hazard.
- Please disconnect power before installation or any maintenance of the lamp.
- Please disconnect power if it begins to smoke or emit odors, since fire or electric shock may occur. Ask qualified person to inspect and maintain the luminaire.
- Please do not dismantle the lamp without the supplier's authorization.
- Please do not touch the power supply when the lamp is operating.
- If the external flexible cable or cord of the luminaire is damaged, it should only be replaced by the supplier, a service agent or qualified person.

Warranty

- Five-year warranty. Free maintenance will be provided during the warranty period if the lamp suffers quality problems. The client is responsible for the costs and quality of lamp installation.
- During the warranty period, the client shall send the damaged goods or failed parts for inspection and repair by the supplier. The supplier shall then send the fixed or new parts back. The sending party shall bear any freight costs accordingly.
- Maintenance service will be provided once valid documents are presented.
- The following circumstances will not attract free maintenance:
 - a. Damage caused by human beings, including, but not limited to, damage from abnormal working conditions, improper usage, storage that does not conform to the instruction manual
 - b. Dismantling or modification or improper maintenance or repairing of the products without the supplier's authorization
 - c. NO valid documents;
 - d. Damages caused by user's improper delivery, or force majeure including, but not limited to, fire, flood, thunder hit, earthquake
- The vendor has the sole right to interpretation and amendment of the above articles.