



WCS 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

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

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APPLICATIONS

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

CONSTRUCTION

- Die-cast aluminum body(Black)
- 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



- factories

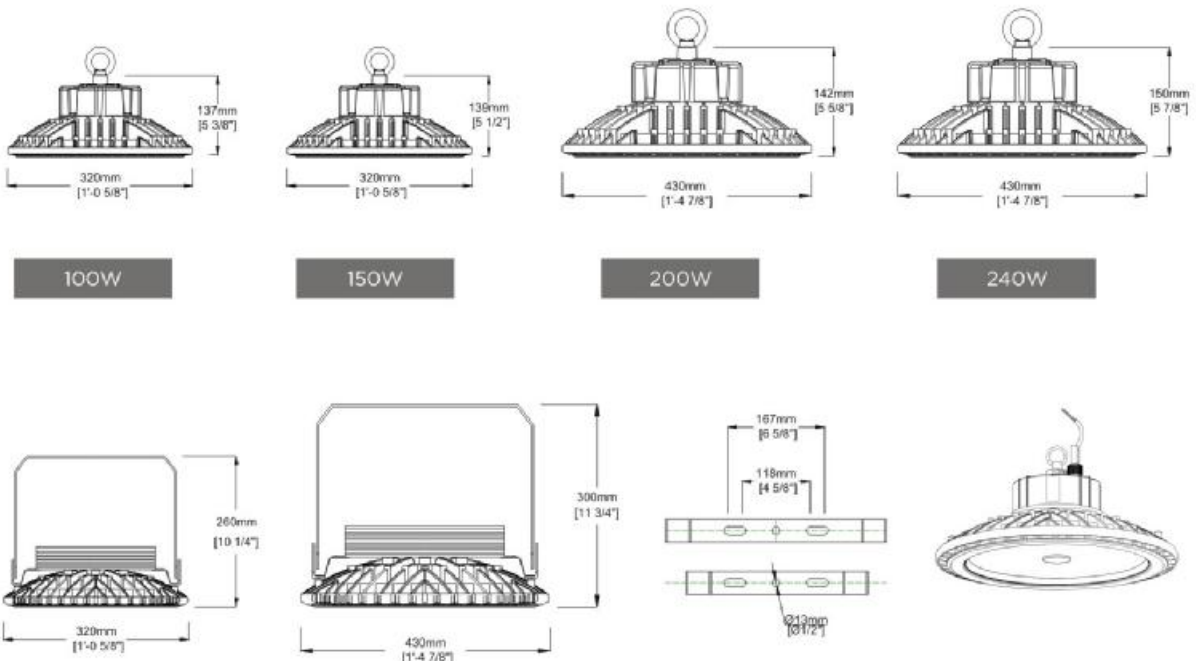


Warehouses



- supermarkets

DIMENSION:(mm/in)





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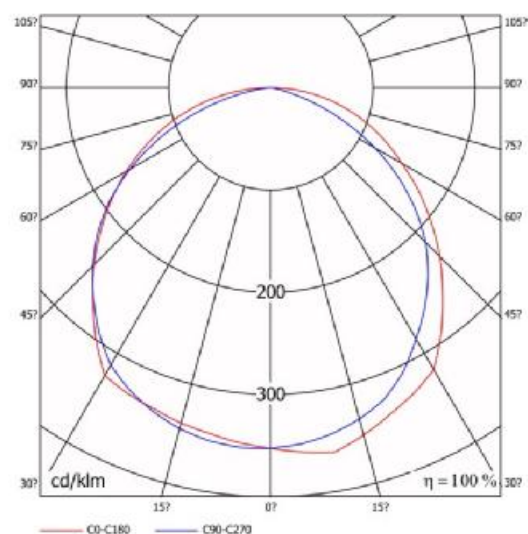
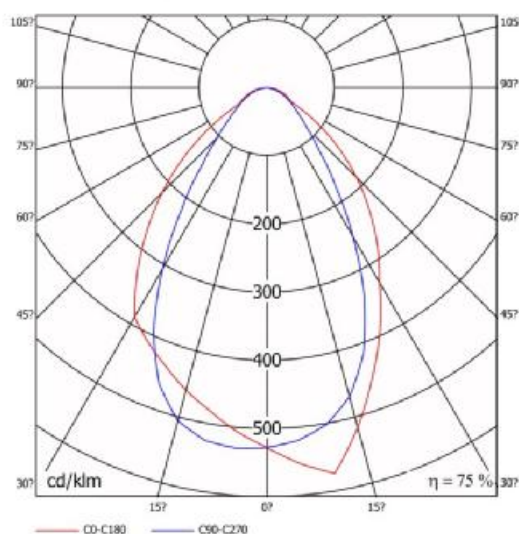
TECHNICAL SPECIFICATION

- 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 : IP66
- Impact Rating : IK08
- Rated Life : 50,000 hours
- Warranty : 5 years

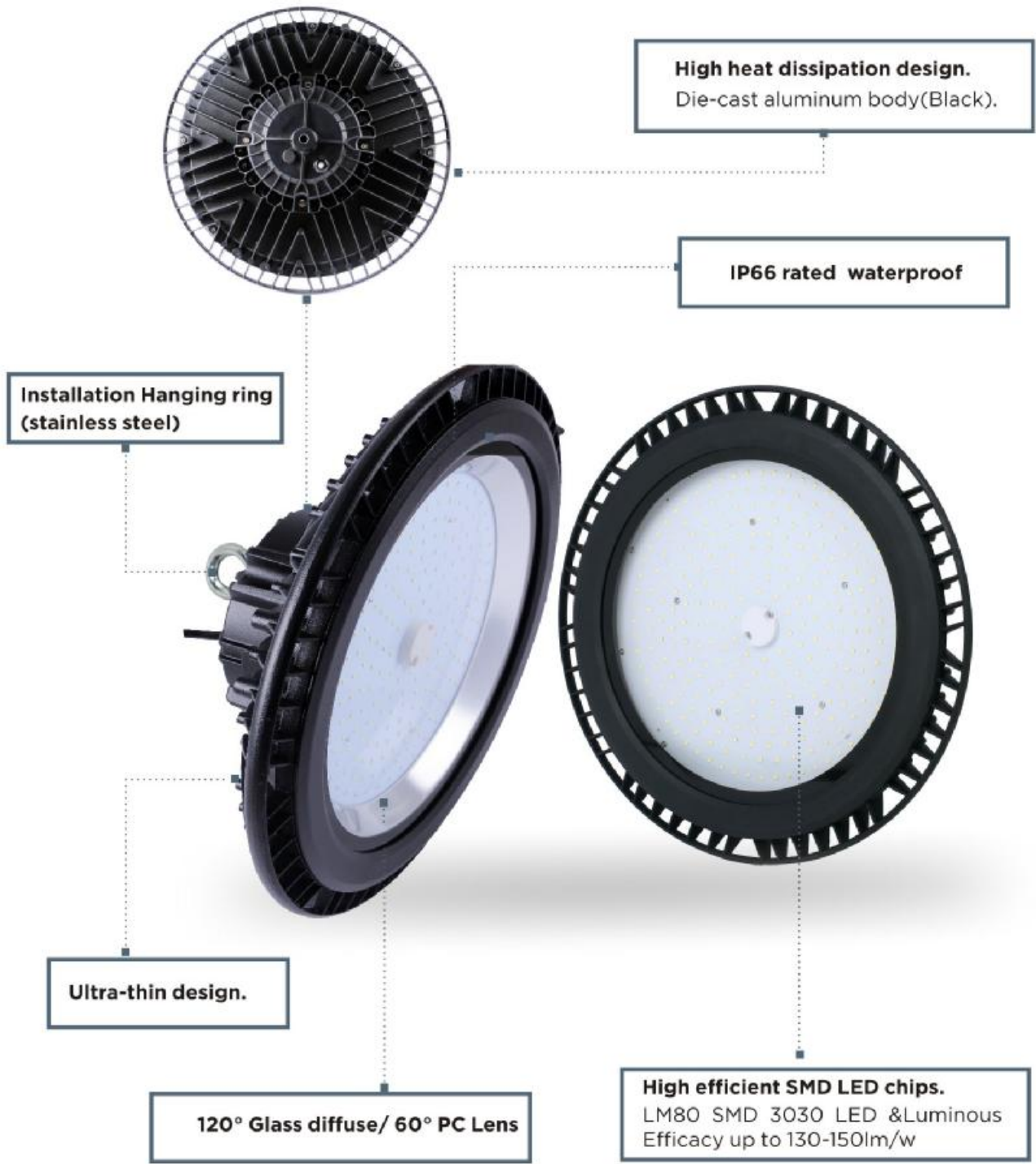
Produce Code	KLHB01100 -XXKPLS-TA-1AX	KLHB02150 -XXKPLS-TA-1AX	KLHB03200 -XXKPLS-TA-1AX	KLHB03240 -XXKPLS-TA-1AX
Power Consumption(W)	100W	150W	200W	240W
Lumens Delivered (lm)	13000lm	20000lm	26000lm	31200lm
Efficacy (lm/W)	130lm/w	130lm/w	130lm/w	130lm/w
Beam Angle	60°/120°	60°/120°	60°/120°	60°/120°
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(Black). 120° Glass diffuse , 60° PC Lens	Die-cast aluminum body(Black). 120° Glass diffuse , 60° PC Lens	Die-cast aluminum body(Black). 120° Glass diffuse , 60° PC Lens	Die-cast aluminum body(Black). 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	ETL/cETL	ETL/cETL	ETL/cETL	ETL/cETL
Warranty	5 years	5 years	5 years	5 years

LUMINAIRE PHOTOMETRIC

Luminous Intensity Distribution Diagram:



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PACKAGING

Model No.	Qty (pcs)	L*W*H (CM)	NW. (kgs)	G.W. (kgs)	Meas. (CBM)
			Per CTN	Per CTN	Per CTN
KLHB01100	2	42*42*42CM	9	10.9	0.07
KLHB02150	2	42*42*42CM	9	10.9	0.07
KLHB03200	1	48*48*21CM	7	8.4	0.05
KLHB03240	1	48*48*21CM	7	8.4	0.05