LED HIGH BAY LIGHT UFO SERIES
# PRODUCT SERIES DATASHEET

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LED High Bay Light 01A Series

88Light high bay light UFO series state of the art design with low light decay, high color rendering index LED chip source light and high quality low weight aluminum alloy housing fill in a high brightness and long lifespan LED high bay light. Its multi angle reflector and high lumen LEDs can be suitable for multi workplace with minimum revamping cost.

Applications:
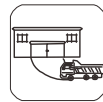
Warehouse	**Football Stadium**	**Tennis Court**	**Gas Station**
Public Square	**Exhibition hall**	**Factory**	**Railway Station**
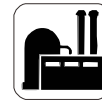
PRODUCT FEATURES

- Non noise, non flickering, Anti-shock, anti-moisture.
- Safe and reliable driver isolation design, advanced constant current driver.
- Eco friendly, none lead & mercury pollution, No UV or IR radiation.
- Turn on Instantly, no warm up time required.
- High CRI and uniform brightness Cree LED chip.
- Lightweight corrosion resistance Aluminum alloy shell.
- Anodic oxidation and polished treatment reflector optimize lighting performance and minimize the Glare.
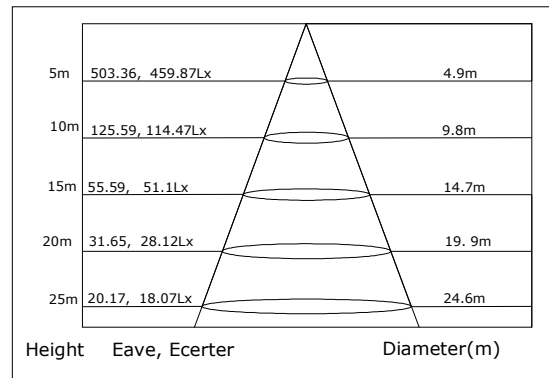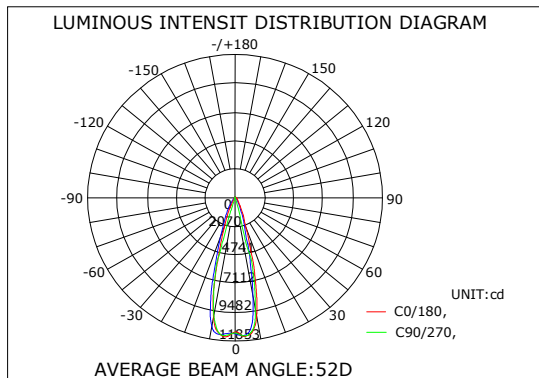
Waterproof Light Weight Easy to install Hg Longlife Saving Energy FC CE RoHS

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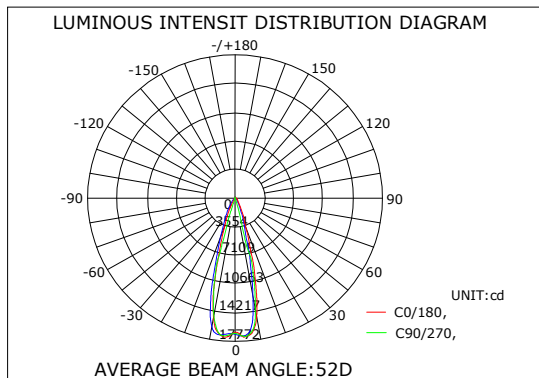DS-20190325

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ILLUMINANCE DIAGRAM

Product Luminance:

100 Watts

LUMINOUS INTENSIT DISTRIBUTION DIAGRAM

UNIT:cd

— C0/180,
— C90/270,

AVERAGE BEAM ANGLE:52D

Height	Eave, Ecerter	Diameter(m)
5m	503.36, 459.87Lx	4.9m
10m	125.59, 114.47Lx	9.8m
15m	55.59, 51.1Lx	14.7m
20m	31.65, 28.12Lx	19.9m
25m	20.17, 18.07Lx	24.6m

150 Watts

LUMINOUS INTENSIT DISTRIBUTION DIAGRAM

UNIT:cd

— C0/180,
— C90/270,

AVERAGE BEAM ANGLE:52D

Height	Eave, Ecerter	Diameter(m)
5m	754.36, 688.87Lx	4.9m
10m	188.59, 172.47Lx	9.8m
15m	83.59, 76.1Lx	14.7m
20m	47.65, 43.12Lx	19.9m
25m	30.17, 27.07Lx	24.6m

200 Watts

LUMINOUS INTENSIT DISTRIBUTION DIAGRAM

UNIT:cd

— C0/180,
— C90/270,

AVERAGE BEAM ANGLE:52D

Height	Eave, Ecerter	Diameter(m)
5m	1006.36, 918.87Lx	4.9m
10m	251.59, 229.47Lx	9.8m
15m	111.59, 102.1Lx	14.7m
20m	62.65, 57.12Lx	19.9m
25m	40.17, 36.07Lx	24.6m

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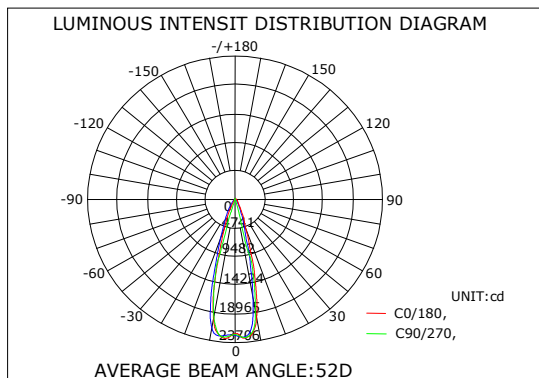LED HighBay Light UFO Data Sheet
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PRODUCT DIAGRAM [1]
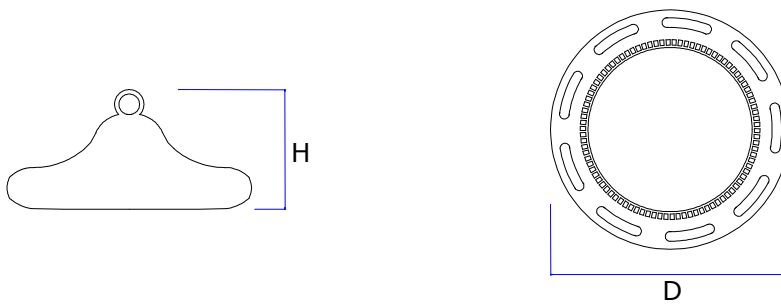
Product Name	D [mm]	H [mm]
88L-HB-100W-01A	200	217
88L-HB-150W-01A	260	205
88L-HB-200W-01A	320	205

Note 1: the structure drawing is only for showing the dimensions.

TECHNICAL DATA

Electrical characteristics [2, 3, 4]:

Product Name	Operating[4] Voltage	Frequency [Hz]	Power[3] [W]	Power Factor	LED Style and Qty	Dimmable	IP Grade
88L-HB-100W-01A	AC100-277V	50 / 60	100	≥0.95	SMD2835 LED	optional	IP65
88L-HB-150W-01A	AC100-277V	50 / 60	150	≥0.95	SMD2835 LED	optional	IP65
88L-HB-200W-01A	AC100-277V	50 / 60	200	≥0.95	SMD2835 LED	optional	IP65

Note 2: Absolute ratings @ 25°C.
Note 3: Tolerance of measurement of power intensity±5%.
Note 4: the input voltage only is for the default driver, if MeanWell driver needed, the operating voltage will be changed.

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TECHNICAL DATA

Optical Characteristics [2, 5]:

| Product Name	Color	Color Temperature [°K]	Luminescence[5] [lm]	CRI (Ra)	Reflector [°]
88L-HB-100W-01A-CW	Cool White	6500	12500	80	120
88L-HB-100W-01A-NW	Natural White	4000	12000	80	120
88L-HB-100W-01A-WW	Warm White	3000	11500	80	120
88L-HB-150W-01A-CW	Cool White	6500	18700	80	120
88L-HB-150W-01A-NW	Natural White	4000	18400	80	120
88L-HB-150W-01A-WW	Warm White	3000	18000	80	120
88L-HB-200W-01A-CW	Cool White	6500	24500	80	120
88L-HB-200W-01A-NW	Natural White	4000	24000	80	120
88L-HB-200W-01A-WW	Warm White	3000	23500	80	120

Note 2: Absolute ratings @ 25°C.
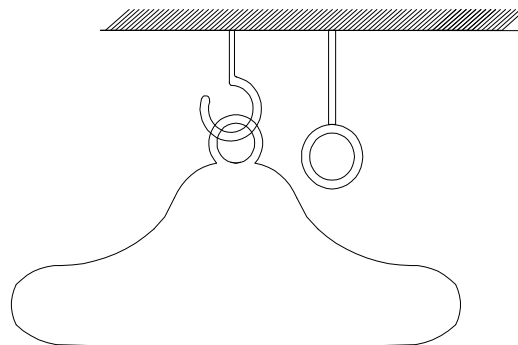Note 5: Tolerance of measurement of luminous intensity±10%.

PRODUCT INSTALLATION

Precaution: Switch off power before doing any works.

Step 1: Before installing the industry lamp, please install the hanging ring and hook at the right place, and be sure the max weight capacity more than 30Kg
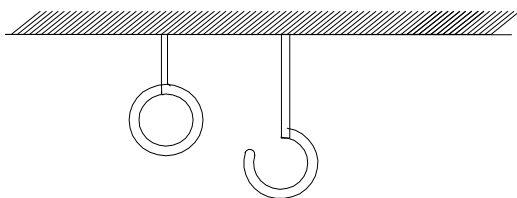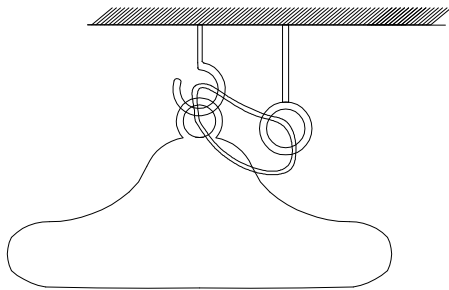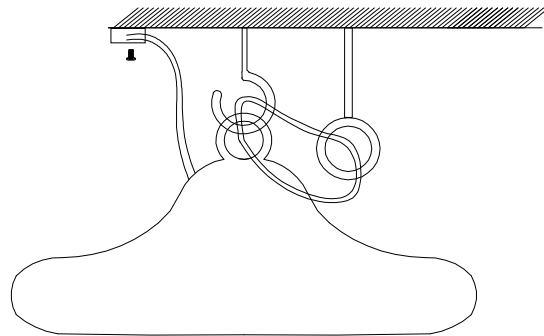
Step 2: Hang up the lamp trough the hook holder.

PRODUCT INSTALLATION

Step 3: Make the safety line symmetrically fastened around the lamp to make sure the safety. As shown.

Step 4: Fasten the input terminal of lamp by screw to a safety place. And then connect the lamp input terminal to the main power line. As shown:
Brown—L, Blue—N.
Yellow and Green—Ground

Step 5: Turn on the power supply to ensure the light is working, installed.

SAFETY

1. **Always** consult a qualified, licensed electrician prior to the installation of this product.
2. **Always** ensure that all components are joined properly before they are installed.
3. It is recommended that adequate airflow and heat sink be taken into account in the application and installation of this product. Improper thermal management may lead to premature failure.
4. If any doubt about the installation or use of this product, consult a competent electrician.
5. Exceeding the operating temperature values may damage LED chips by reducing the total lamp life and lumen output, and inversely impact color consistency.
6. Switch off power of the mains supply or respectively of the connection lead before doing any works.
7. Avoid voltage drops by using a dedicated line for each maximum power consumption line.

SAFETY

8. The manufacturer rates each power supply for maximum power output at optimum thermal and voltage conditions. As with any power supply, true actual maximum continuous current output depends upon various environmental factors such as ambient temperature, line voltage fluctuations, and orientation that may affect heat dissipation. For optimum performance, make sure the load is between 50% and 80% of the total capacity of the power supply.

9. LED products are continuously being improved upon in ever-shortening manufacturing cycles. LED color temperature (kelvin), lumen output, and product appearance can change from order to order. Please note that variation in color temperature (kelvin) is commonly +/- 250k and brightness (lumens) is +/- 10%.

PACKING [6]:
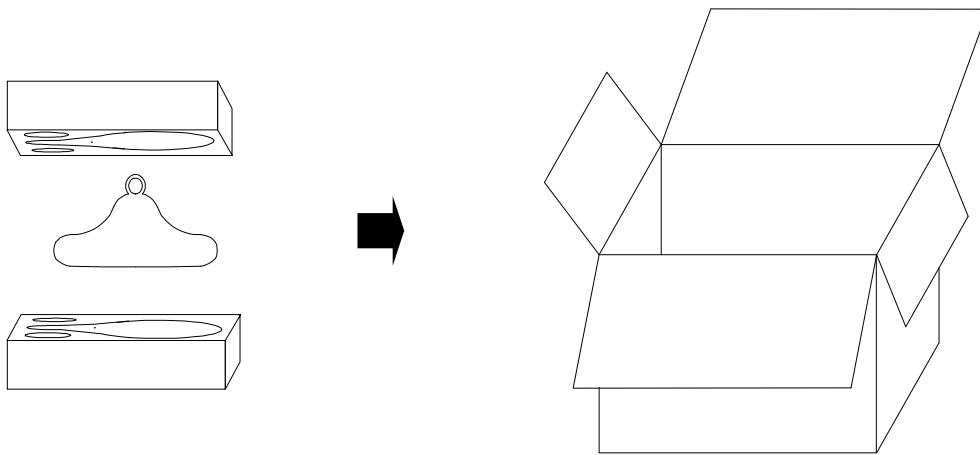
Product Name	Outer Carton Size(L×W×H)[mm]	Qty/Carton [pcs]	Gross Weight [Kg]	Unit Weight [Kg]
88L-HB-100W-01A	400x400x500	2	9	7.5
88L-HB-150W-01A	420x420x500	2	11	9
88L-HB-200W-01A	450x450x500	2	10	8.1

Note 6: Package information is only for reference.

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OTHER 88Light PRODUCTS:

For more information about 88Light products, or to use our online energy saving calculation software please visit our website

www.88light.com

DISCLAIMER:

88Light reserves the right to modify the design of our products as part of the company's program of continuous improvement. 88Light cannot guarantee to match existing installed product for subsequent orders or replace the product exactly to match the product you are replacing in product appearance, color, or brightness. Specifications are subject to change without notice.