LED HIGH BAY LIGHT HX SERIES
PRODUCT SERIES DATASHEET

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LED High Bay Light HX Series

88Light high bay light HX 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.

Applications:


Warehouse


Football Stadium


Tennis Court


Gas Station


Public Square


Exhibition hall

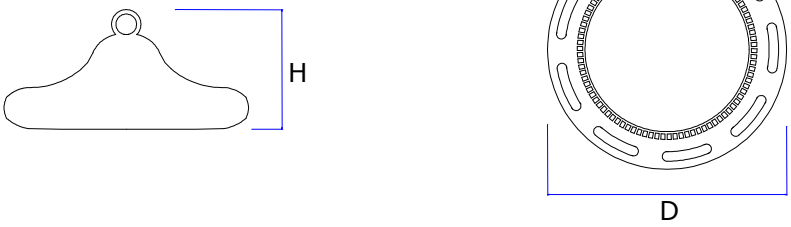

Factory


Railway Station

PRODUCT FEATURES

- Non noise, non flickering, Anti-shock, anti-moisture.
- Safe and reliable driver, 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 LED chip.
- Lightweight corrosion resistance Aluminum alloy shell.
- Anodic oxidation and polished treatment reflector optimize lighting performance and minimize the Glare.

PRODUCT DIAGRAM [1]



Product Name	D [mm]	H [mm]
88L-HB-100W-401A	240	40
88L-HB-100W-401B	240	40
88L-HB-60W-401B	240	40

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-401A	AC200-240V	50 / 60	100	≥0.95	120pcs SMD LED	No	IP65
88L-HB-100W-401B	AC100-265V	50 / 60	100	≥0.95	120pcs SMD LED	optional	IP65
88L-HB-60W-401B	AC100-265V	50 / 60	60	≥0.95	120pcs SMD 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.

TECHNICAL DATA

Optical Characteristics [2, 5]:

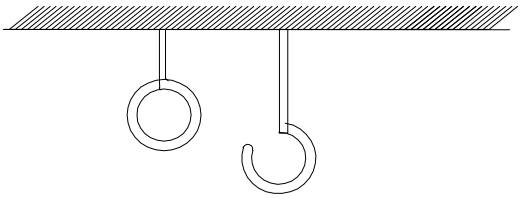
Product Name	Color	Color Temperature [°K]	Luminescence[5] [lm]	CRI (Ra)	Reflector [°]
88L-HB-100W-401A-CW	Cool White	6500	10000	80	60
88L-HB-100W-401A-NW	Natural White	4000	9500	80	60
88L-HB-100W-401A-WW	Warm White	3000	9000	80	60
88L-HB-100W-401B-CW	Cool White	6500	12000	80	90
88L-HB-100W-401B-NW	Natural White	4000	11500	80	90
88L-HB-100W-401B-WW	Warm White	3000	11000	80	90
88L-HB-60W-401B-CW	Cool White	6500	6700	80	90
88L-HB-60W-401B-NW	Natural White	4000	6500	80	90
88L-HB-60W-401B-WW	Warm White	3000	6000	80	90

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

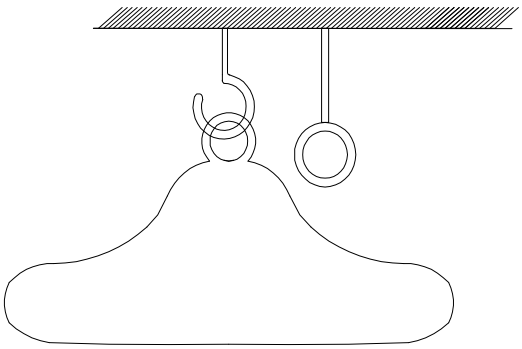
PRODUCT INSTALLATION

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

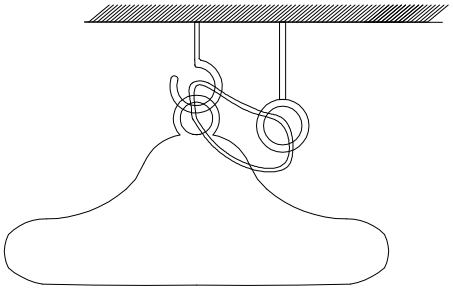


Step 2: Hang up the lamp trough the hook holder.

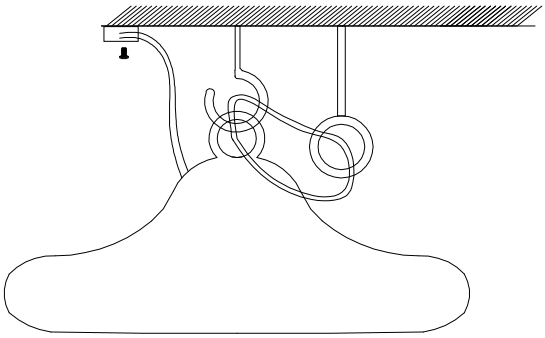


PRODUCT INSTALLATION

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.

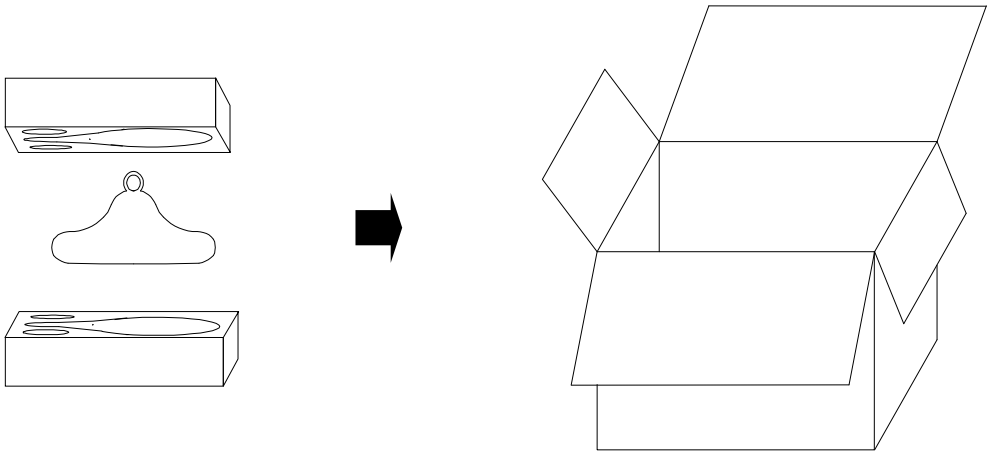
SAFETY

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)[cm]	Qty/Carton [pcs]	Gross Weight [Kg]
88L-HB-100W-401A	51x37x28	10	25
88L-HB-100W-401B	51x37x28	10	25
88L-HB-60W-401B	51x37x28	10	25

Note 6: Package information is only for reference.

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.