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Data Sheet

Product Name :LED High Bay Light

Model Number : MILF150WCWC4

Version: A /0

Producer: Zhuang Wei **Auditing:** **Approval:**

FEATURES：

- Aluminum die casting heat sink base with Natural convection heat dissipation
- Integrated 3535 LED and the LED High Bay Light has high power efficiency
-LED High Bay Light has instant on/off features and hasn't flicker effect
- Does not produce ultra violet (UV) light or IR
- All materials meet green product according to RoHS requirement
- Universal AC input /Full range, 100~277Vac / 50~60Hz
- Short circuit / Over current / Over voltage / Over temperature protection
- TheLED High Bay Light has low power consumption
- IP31 design for indoor
- Good light distribution: no multi-shadow
- TheLED High Bay Light has long operation life time and better than 2 years

PURPOSE:

- Provide the standards for solid state lighting, including LED linear light, LED bulb, LED down light, LED panel light, LED High Bay Light, etc.

APPLICATION:

-This series of LED High Bay Light Suitable for: industrial plants, stadiums, malls, supermarkets, and other tall private room and commercial lighting.

ENVIRONMENTAL CONDITION:

- The environmental condition as below:

Item	Condition	Notes
Operation Temperature [°C]	-20 ~ 40	
Operation Humidity [%]	8 ~ 90	
Storage Temperature [°C]	-20 ~ 40	
Storage Humidity [%]	5 ~ 90	

PARA light	**LED Projection Lamp**	
	MILF150WCWC4	**Version:** A /0

PRODUCT SPECIFICATION:

- Photo：

- Outline dimensions：

- Note:

1.All dimension unit is millimeters

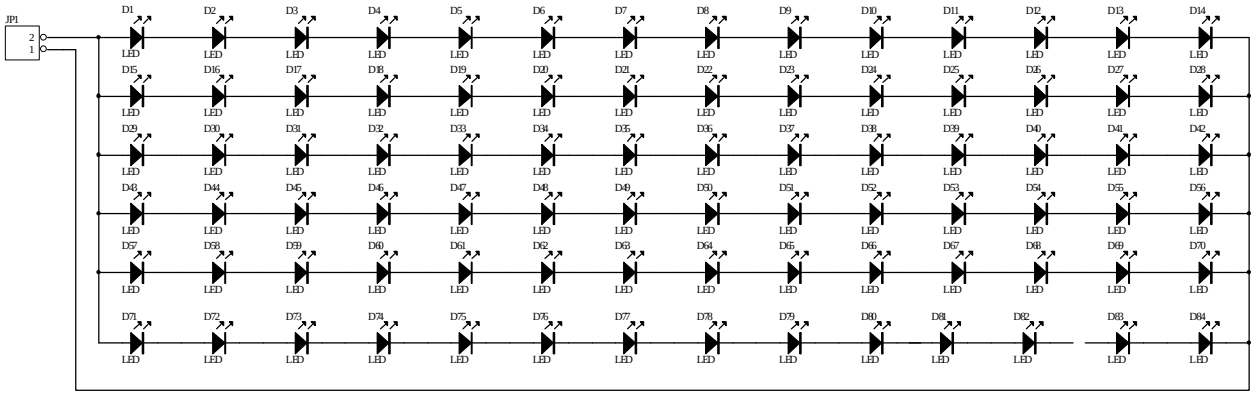
2.The tolerance is ±10mm unless otherwise noted

- Technical parameters

Input Voltage Range	100~277Vac
Input Frequency	50/60 Hz
LED Type	3535
LED Quantity	84Pcs
Power Consumption	150 W±10%
Luminous Flux	>10500 lm
Luminous Efficiency	70lm/W
Color Temperature	6000K±500K
Power Factor	>0.9
Color Rendering Index	>70
Light Source Life Span	>25000 Hrs

- LED light panel circuit

1. Circuit: 14series, 6parallels,84ea white LED



- Optical Specification

1. Measurement Condition

1-1 Environmental Temperature：25 ± 2°C

1-2 Environmental Humidity：50% ± 20%

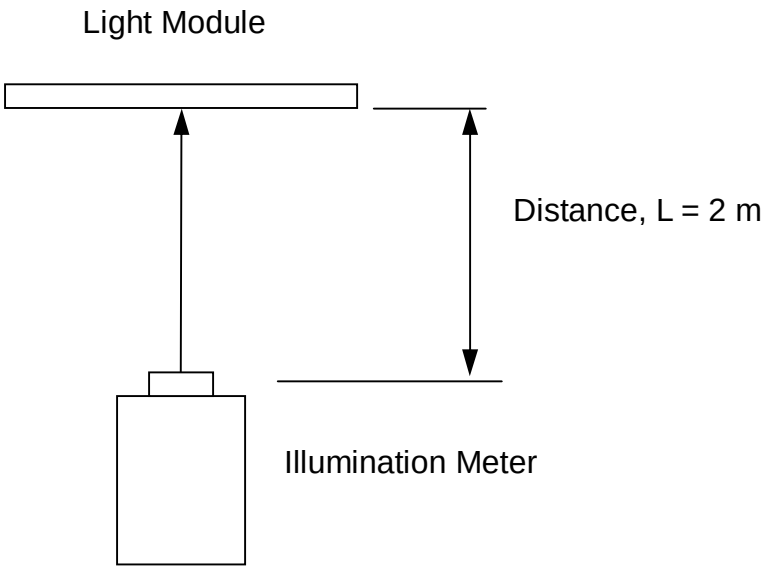
1-3 Environmental Luminance：Less than 10(lx) and windless (Typical)

2. Measurement Equipment

2-1 Illumination meter: GMS-2000

2-2 The PARA LIGHT inspection result is to be taken as the standard. Before approval, both PARA LIGHT and customer should inspect and correct the optical data measured by PARA LIGHT and customer,

3. Measuring means



4. Luminance Specification

Model Name	MILF150WCWC4					
Items	Position	Min	Typ	Max	Units	Notes
Illumination	Center	11250	-	-	Lumen	
CCT	Center	5500	6000	6500	K	

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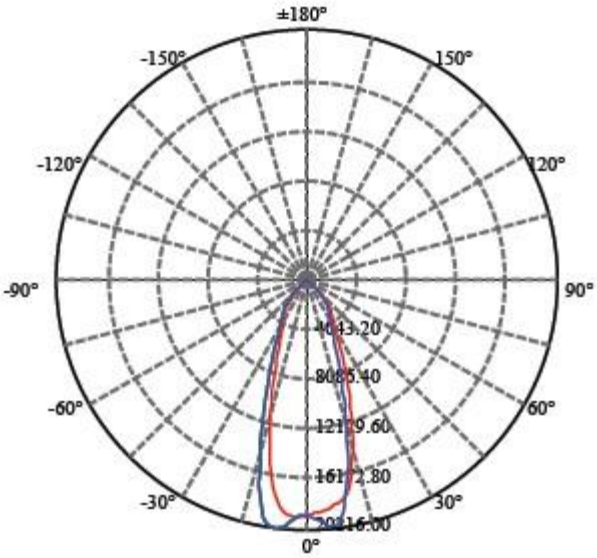
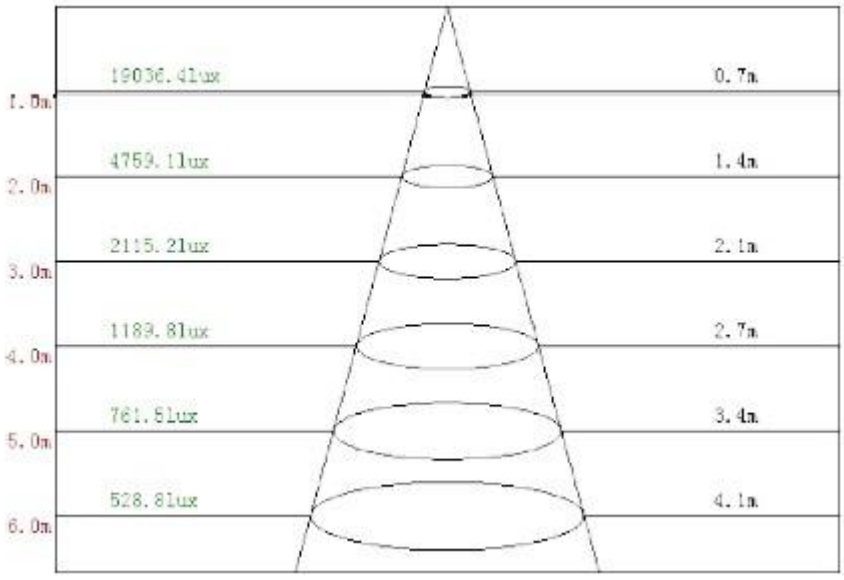
- Light intensity distribution (Unit: CD)



- Illumination at a distance



- Reliability Test Specification

No	Item	Condition	Time	Judgment
1	Normal temperature operation	Ta=25°C, power on	10,000h	A,B
2	High temperature operation	Ta=60°C , power on	1,000h	A,B
3	Low temperature operation	Ta=-40°C , power on	1,000h	A,B
4	High temperature and humidity	Ta=60°C , RH=90% ,power on	1,000h	A,B
5	Thermal shock	Ta=-40~85°C	1,000 cy	A,B
6	High temperature on/off cycle	Ta=60°C, power on/off	50times	C
7	Low temperature on/off cycle	Ta=-40°C, power on/off	50times	C
8	Power on/off test	Ta=25 °C, power on/off	30,000cy	C
9	High temperature storage	Ta=85 °C	1,000h	A,B
10	High temp and humidity storage	Ta=60 °C, RH=90%	1,000h	A,B
11	Low temperature storage	Ta=-40 °C	1,000h	A,B
12	Vibration test	Vibration frequency:10~45Hz Vibration testHz:45Hz Operation vibration test:3hrs Shock:3G(x,y), 4G(z)	3hrs	B,D
13	Waterproof test	IP65 standard	30min	E,F
14	MTBF	Ta=45 °C, RH=85%	2,160h	G

1. Criteria:

1-1 A. Luminance must maintain more than 80% of the initial illumination intensity.

1-2 B. Apparent condition and structure have not abnormality.

1-3 C. There not being lighting abnormality at normal temperature.

1-4 D. There is no damage of the soldering point and defective lighting.

1-5 E. Ingress Protection code is more than 5.

1-6 F. There not decrease in performance by the water and the problem of the function.

1-7 G. Lifetime is more than 25,000 hours by lifetime prediction.

- Installing and Using:

1. This product is suitable for AC power supply network; the using ambient temperature range is -20 ℃ ~ 60 ℃..
2. Mounting:

2-1. Take out 【1】and【2】from the packing box and check if the body had been damaged by external factors ,then assemble 【1】and【2】together.
Note: reflective cover has 6holes, wherein only lock attached to one of the four, namely1Diagram of the a b c d

2-2. Assemble the hook 【3】 in advance on the ceiling where need to assemble the l ight .The hook need to match with the pothook and strong enough to bear 30KG at least.

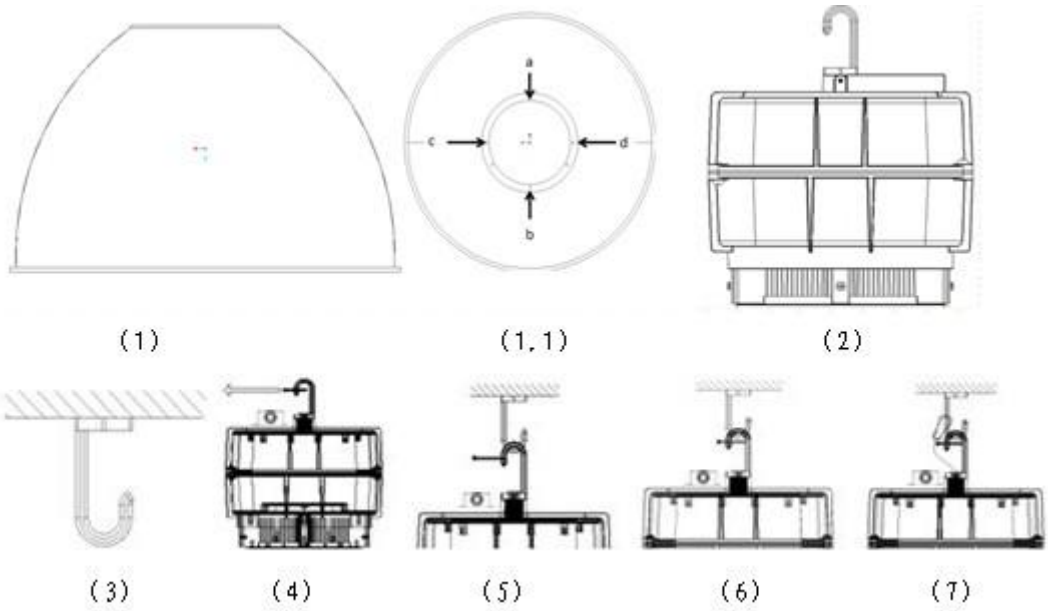
2-3. Screw the screw at 【4】by cross screwdriver recommended.

2-4. Hang the light on hook【5】

2-5. Screw the screw which take down from step 3 into the hole of hook 【6】

2-6. The hook rope lock attached to the ceiling hook 【7】

2-7. Connect with power supply network.



3. After finished above steps，check again and then switch on the power.

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- Packing Specification

1. Put maximum 1 pieces LED High Bay Light（5 pieces aluminum reflector） into outer carton.
2. Prevent LED High Bay Light defect during transportation.
3. Complete the transportation simulation tests (Vibration frequency:10~45Hz / Vibration test Hz:45Hz / Operation vibration test:3hrs / Shock:3G(x,y), 4G(z)) and no LED projection lamp defect happened.
4. Using appropriate dust prevented approach for component and product that no dust source similar with sediment and unusual glutinous objects.

- Packing Flow

1. As shown below: