Product Specification

Product Name: **LED High Bay light**

Product Model: **EFG-GKD-165W01**

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Artemis Building Systems Pty Ltd
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Features：

- Uses high brightness LED chips with high colour rendering and lasts up to 50,000 hours, saving more than 50% of the energy used by a traditional High Bay light.
- Uses a grille texture mask to improve diffuse reflectance ensuring a soft look for the light and uniform light distribution.
- Works on 100-240V ~AC, which can easily replace the traditional light.
- Has a special circuit design where each LED chip works separately which means a single LED chip failure will not affect the entire lamp.
- Has good heat dissipation design which results in an up to 50% reduction of the weight when compared to a traditional light. Strong heat dissipation reduces the LED junction temperature and increase the life of the light.
- Is environment-friendly, starts quickly, has no flicker, no noise, no ultraviolet and infrared radiation and there is no mercury or other harmful substances so will not cause problems when the time comes to dispose of the light.

Applications:

Any large open space, with relatively high ceilings, that requires Indoor lighting, such as factories, supermarkets, warehouses, indoor swimming pools, indoor sports centres etc.

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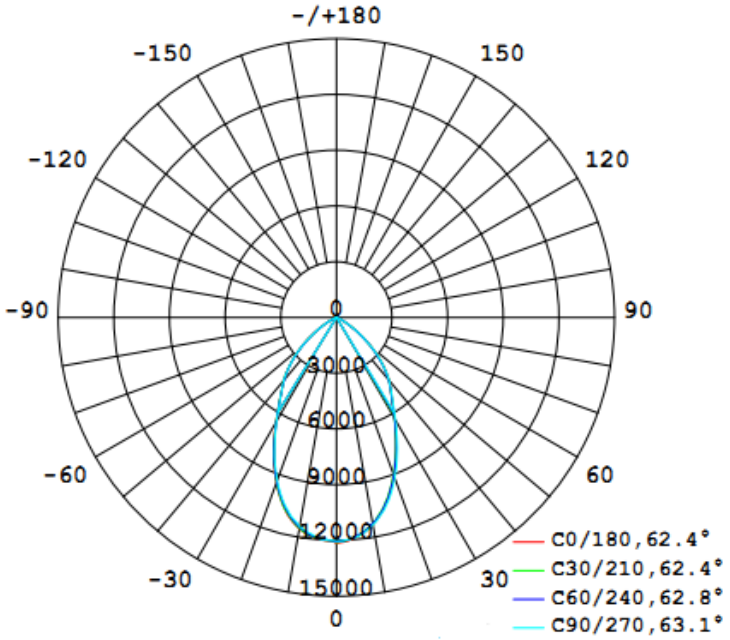
Technical parameter :(T_a=25℃)

Number	Item	Parameter
1	Input Voltage	100 - 240V～ 50/60 Hz
2	Rated Consumption	180W
3	Power Factor	≥0.95
4	Color Temperature	3000±300K 4000±300K 5000±300K
5	Luminous Flux	>15300lm (5000K) >15300lm (4000K) >14400lm (3000K)
6	Ra Color Index	⩾65 (5000K) ⩾65 (4000K) ⩾75 (3000K)
7	Beam Angle	65°
8	Life Span	≥30000 Hours
9	Work Temperature	-30°C to +55°C
10	Storage Temperature	-40°C to +85°C
11	Net weight	≤5.8kg
12	LED Luminous Efficiency	>110lm/W (5000K) >110lm/W (4000K) >100lm/W (3000K)
13	The Whole Luminous Efficiency	>90lm/W (5000K) >90lm/W (4000K) >80lm/W (3000K)
14	IP Class	IP20
15	Installation Way	Suspended
16	Installation Height	6m–11m

Notes: All parameters conform to specific product type test.

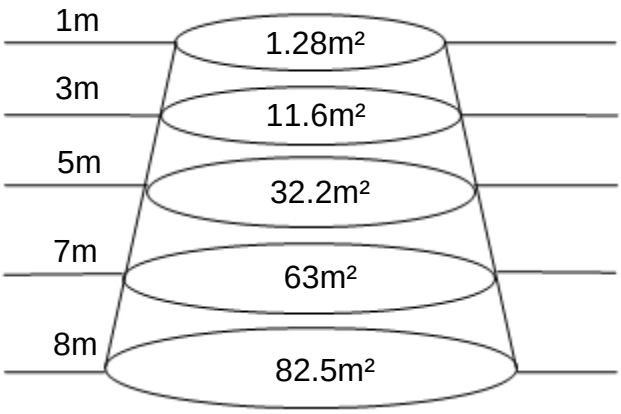
Optical parameter:

a. Lighting Distribution Curve:



Average Beam Angle (50%) : 62.7 degree

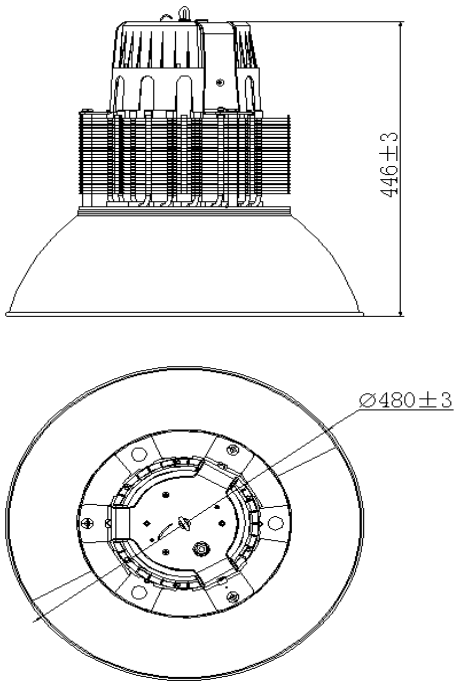
b. Illumination Intensity Chart



Distance	Illuminated area	Illuminance 3000K	Illuminance 4000K	Illuminance 5000K
1m	1.28m²	9940 lx	11045 lx	12150 lx
3m	11.6m²	1104 lx	1227 lx	1350 lx
5m	32.2m²	396 lx	440 lx	485 lx
7m	63m²	202 lx	225 lx	248 lx
8m	82.5m²	155 lx	172 lx	190 lx

Notes: All testing data for 180W LED High Bay is based on natural conditions in dark room (for reference).

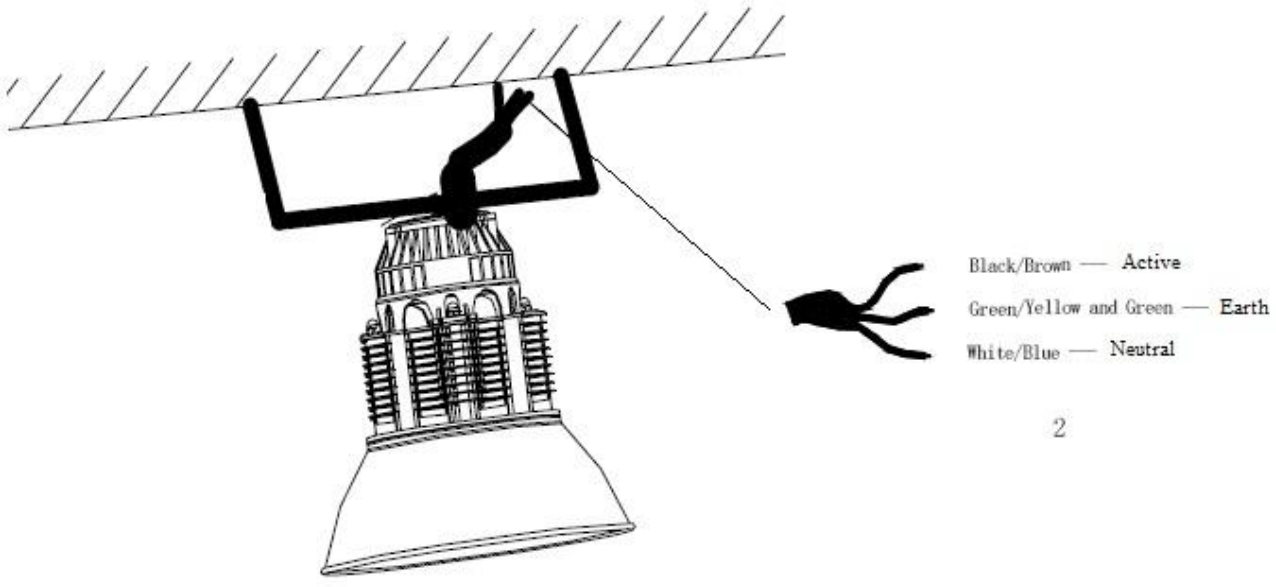
Dimensions:



All dimension units are in millimeters.

Installation:

1. The light will need to be installed at the beam or suspended.
2. 100-240V~rated voltage, Black/Brown access Active wire, and White/Blue access Neutral wire, Green/Yellow and Green access Earth wire.



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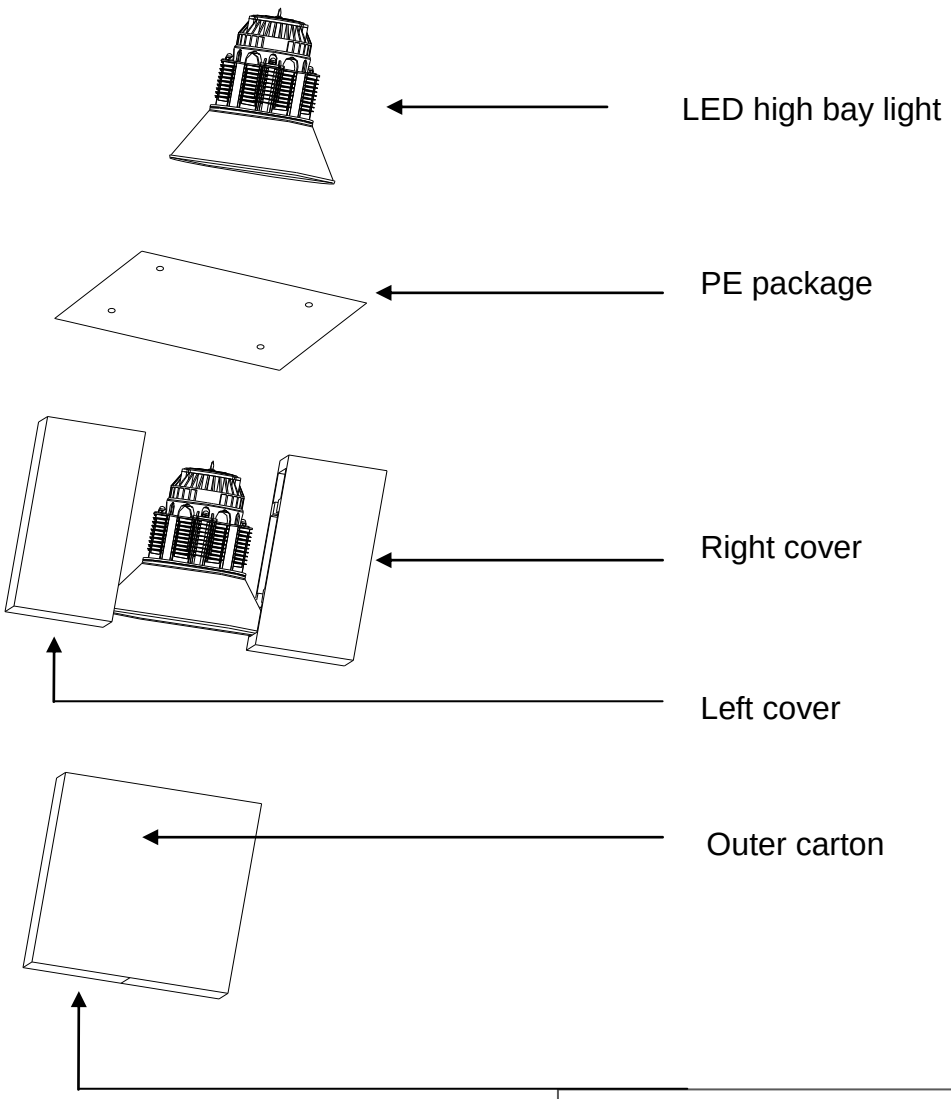
Packing:



Shipping label
CUSTOMER NAME：
ORDER NUMBER：
PRODUCT NAME：

D/C：
S/N：

As per the above table, the LED High Bay will be packed with a PE bag and covered by EPE before being put into the outer carton.

Packing information	
Packing quantity	1 pcs/box
Product net weight	5.8 kg/pcs
Product gross weight	8.5 kg/box
Outer packing size	Length *Width* Height=550*550*530

Safety Notes：

- Remove and dispose of packing before use.
- Installation and maintenance should always be performed by qualified electricians.
- Avoid directly looking into the LED light.
- Do not cover the light as it may adversely affect heat dissipation.
- Do not clean the lamp with corrosive chemicals or abrasives.
- Handle with care at all times.