
5000K High Power LED Dyna Bay Light

1. Description

Dyna Bay Light is a LED high bay light for indoor lighting with the high-quality white light LED in color temperatures of 5000K. Rated for the industrial use, AL-DB80W is an ideal lighting fixture with the die-cast or PC housing to meet the demand of easy replace and maintenance. Moreover, the LED efficiency of Dyna Bay Light is reached to 100 lm/W with the high performance LED for energy saving.

With the exclusive patent thermal technology, Dyna Bay Light comes with high-quality optics, ensuring excellent lighting performance in different application areas. The high-rack optics is specially designed to illuminate vertical planes in warehouses. It is the best choice of high efficiency and performance as well as energy-saving at the reasonable price.

2. Features

- Energy-saving, elegant appearance and low power consumption.
- Designed with exclusive patented thermal technology, optimized thermal area and light weight to offer high LED efficiency and low LED luminous decay
- High efficiency lighting output design, the luminaries' efficacy reaches to 100lm/w at 5000K temperature.
- Flexible optical design provides symmetric 60° beam angle to specific applications.
- Easy to install and maintain, freely applied in factory, warehouse and versatile commercial and industrial applications.
- Short circuit / Over current / Over temperature protection.

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3. Application

- Factory lighting
- Warehouse lighting
- Indoor stadium lighting
- Gas station lighting



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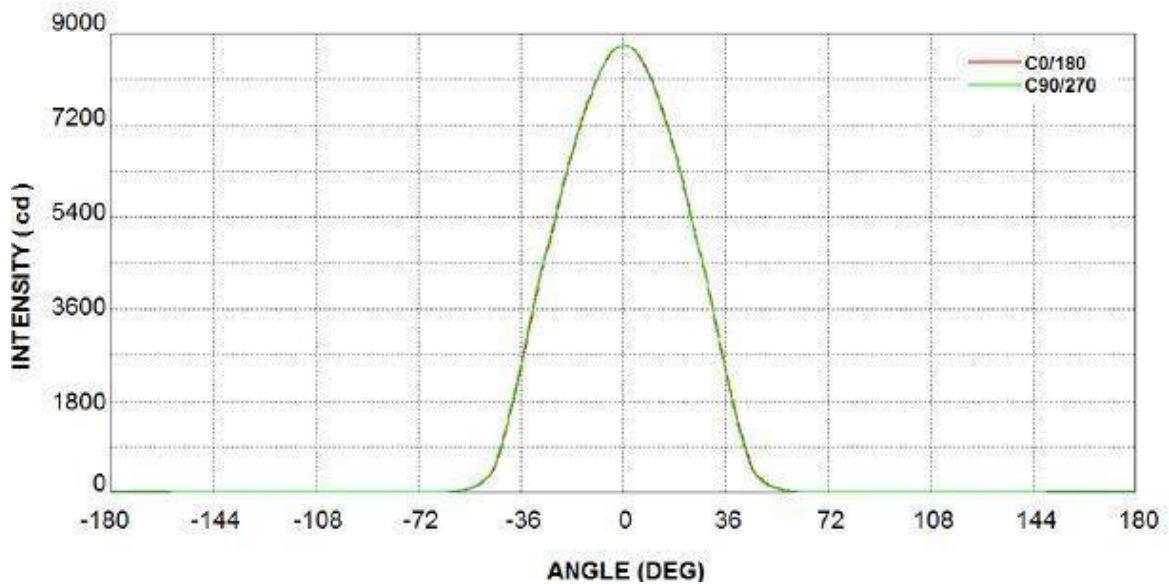
4. Specification

Item	Specification	Details
Mechanical	Dimension	PC version: 350mm (L) X 350mm (W) X 423 mm (H) Aluminum version: 400mm(L)*400mm(W)*320mm(H)
	Weight	PC version:2.2Kg Aluminum version:1.9Kg
	Materials and Finishing	1. Die-cast, aluminum housing 2. PC and aluminum cover for choose
Electrical	Input Voltage	100-240 VAC, 50/60Hz
	Power Consumption	80W (Typical)
	PFC	> 0.9
Optical	Luminaries Efficacy (Typical)	100 lm/W @5000K
	Color Rendering	Ra 70
	Beam Angle	60°
	Output Lumen Ta = 25°C (Typical)	8,000 lm
Reliability	Surge Protect	2KV
	Expected Lifetime	50,000 hours (Ta=25°C)
Environment	Operating Temperature	0~55°C
	Storage Temperature	-20~80°C
	Operating Humidity	0~60% RH
Certification		RoHS/CE/PSE

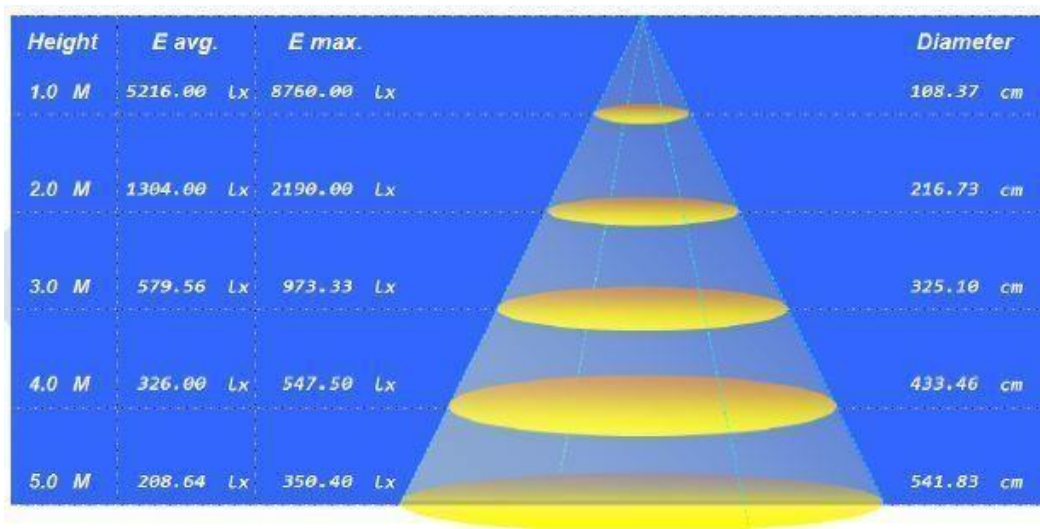
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5. Photometric data

Candle Power Distribution Diagram



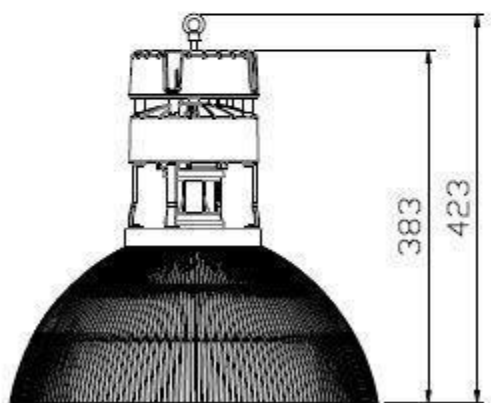
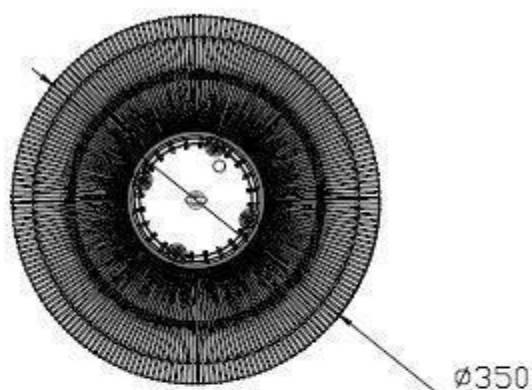
Illuminance Distribution Unit: Lux



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6. Mechanical Drawing

PC version



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Aluminum version

