



Product Overview

This is an IP65-rated lighting solution specially designed to deliver optimal performance for industrial lighting applications.

It consists of two main components: an Xitanium circular highbay driver and a Fortimo or Fortimo HE Highbay G2 module (with optional reflector accessories).

Module: It delivers luminous output of 10K, 15K, 20K and 25K lumens, with module efficacy ranging from 140 lm/W (Fortimo version) to 170 lm/W (Fortimo HE version). Three colour temperature options are available: 4000K, 5700K and 6500K. All versions feature a CRI greater than 80. The module supports beam distributions of 60°, 90° and 115°.

Driver: Designed with an input voltage of 100-277 VAC, enabling reliable operation worldwide. It features adjustable output current, 1-10V dimming function, and an optional auxiliary power supply to feed sensors or controllers.

More than lighting: Systems equipped with Fortimo HE modules also support smart solutions via SR IP67 drivers and EasyAir SNH200 sensors.

The main characteristics

1. The lamp body material uses die casting aluminum, which has good driving heat dissipation.
2. Using well known domestic brand SMD patch light sources, it has high brightness, small light aggravation, and longlife.
- 3.(The domestic well-known drive has the characteristics of stability, high PF,high efficiency and good heat dissipation effect.
- 4.The high-purity aluminum heat sink with high heat-conducting performance.The aluminum heat dissipation is specially designed, which increases the heatdissipation area and enhances the efficiency of hot and cold air heat exchange.Effectively reduce the temperature of the light source and ensure the strong stability of the product function.
- 5.It is mainly used in schools, auditoriums, hotels, factories, gasstations,indoor gymnasiums, exhibition halls, railway station waiting rooms, libraries,logistics ware houses, cold storage, etc. UFO high bay lamp is named because of its unique appearance and appearance like UFO (unidentified flying object). It is a kind of energy-efficient indoor LED lamp, which can be widely used in industrial plants,production workshops, supermarkets, sports and entertainment venues and warehouses.

Highbay spectrale energy saver lights

High Bay G2 System

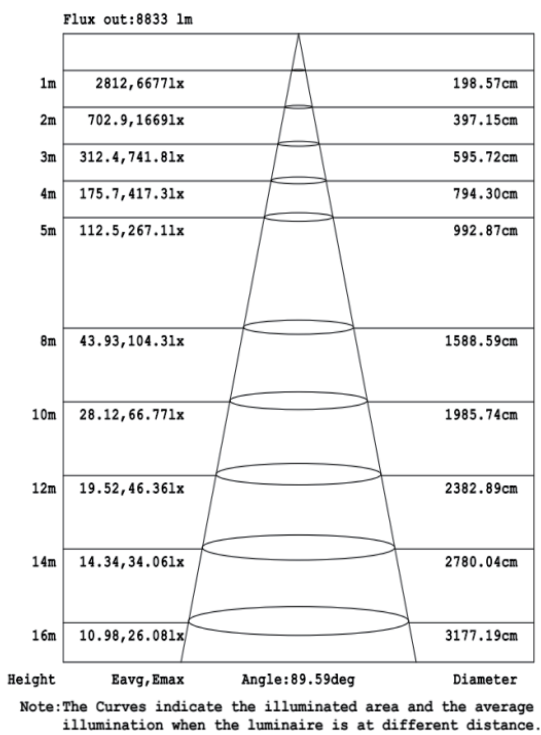
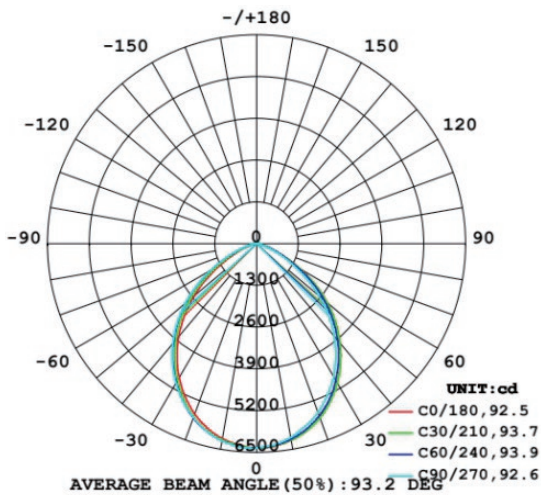


AO-012-120W

Technical Parameter

Make	PHILLIPS
Commodity	A0-012-120w
Switch Position	HING
Rated Power	120W
Rated Input Voltage/Frequency	100V-277V/50-60Hz
Output Current	0.56A
Luminous Flux	15418 lm
System Efficacy	150 LM / W
Colour Temperature	
CCT	5000k-5500k
LED Qty	BMTC LED-200pcs
Power Factor	PF≥0.9
Beam Angle	90±5°
Color Tolerance	SDCM≤5
CRI(Ra)	Ra>70
Driver	PHILIPS
Material	AL+PC
3-core cable	Power Input Cable: 3×1 mm ²
Lamp Color	black
Protection Class	Class I
IP Grade	IP65
Surge Test	L-N-4KV L-N-P-4KV
Operational Environment	-30℃+40℃
Service Life	50000H
Installation Caliber	φ10mm
Certification	CE
Installation	Hoisting
Size	φ240*113mm
Adjustable Angle	/
Warranty Period	/
Product Weight	1.27kg
Inner Box Size	/
Carton Size	51.5*51.5*30.5cm
QTY	8pcs
N.W.	1.27kg
G.W.	1.58kg

Product Ies Diagram



Application Scenarios



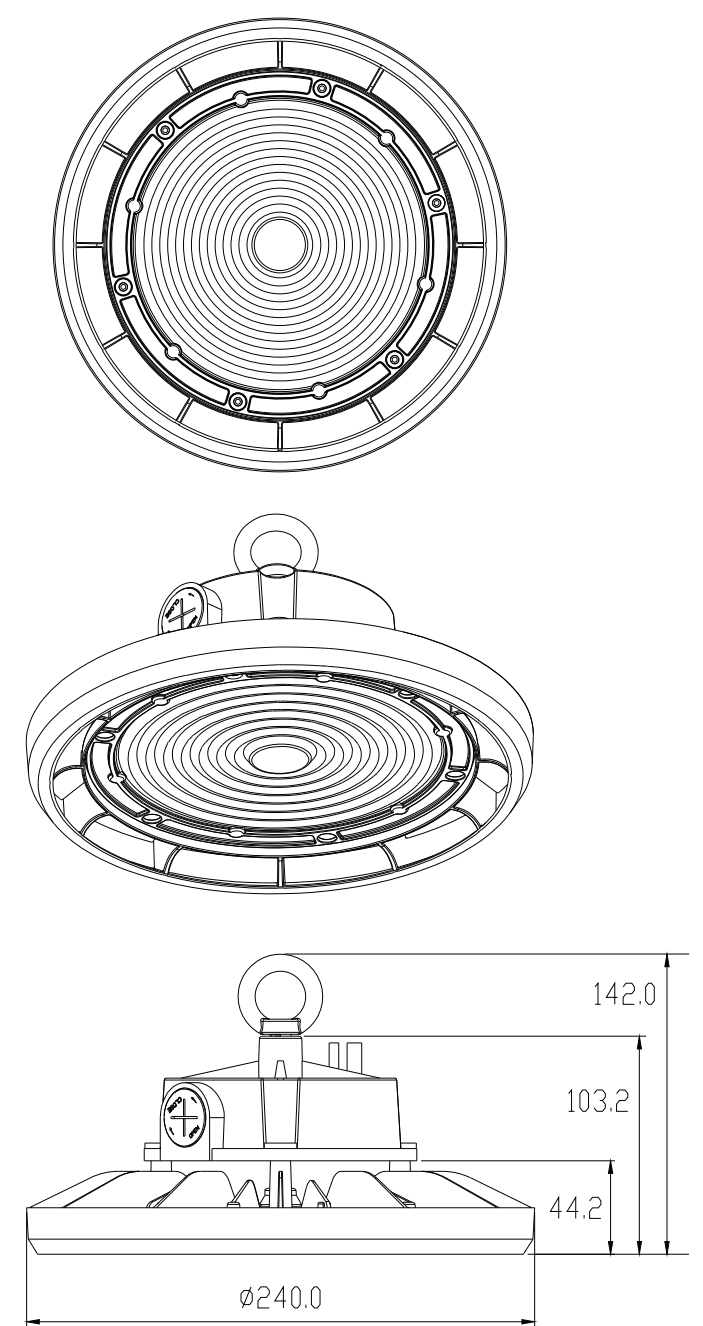
Scenario 1



Scenario 2

Product Dimension Drawing

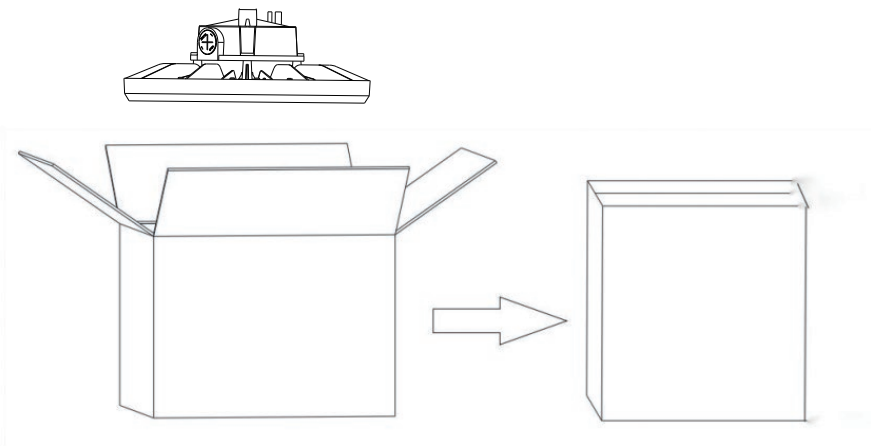
Unit: mm



Packaging Information

Product Series	A0-012-120w
Size of Carton	51.5*51.5*30.5cm
Packing quantity	8pcs
Net weight	1.27kg
Gross weight	1.58kg

Packing



Instructions for Use

- 1.The working voltage of the product is AC120V-277V 50/60Hz. Do not exceed the working voltage range.
- 2.(As the lamp is plastic PC lens which is easy to damage, please handle it with care when handling and storing, and do not put it under heavy pressure.)

Tools Recommended:

- 1.When installing lamps and lanterns, the wiring and wiring place shall be sealed to prevent electric leakage. Do not electrify during wiring.
- 2.When external power lines are connected,corresponding waterproof and leakage prevention measures must be taken.
- 3.It shall not violate any fire regulations when used the lamp.
- 4.Please find professional electrician for installation. The cable should be 3*1 mm three-core cable ,the brown wire is" L" wire, the blue wire is "N"wire, and the yellow-green wire is the "PE".

Maintenance and repair instructions

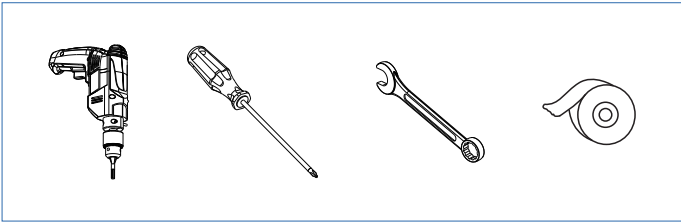
- 1、Please make sure that the power has been cut off before repairing the lamp.
- 2.Clean the PC cover.of the lamps regularly to keep good light transmittance.
- 3.Regularly clean the dust of the outer shell of the lamp to maintain good heat dissipation performance.
- 4.Be carefuldo not clean the lamps with water or corrosive solution, but rather with a dry rag.
- 5.Avoid storing and using lamps in corrosive environment or environment containing harmful substances, such as sulfide, halide and phthalate.
- 6.When installing and maintaining lamps,do not look directly at the light sourc.

Under normal use conditions, quality assurance is based on the correct preservation, installation, use and maintenance of products; Product damage caused by improper installation and use and violation of product operation regulations is not within the scope of this guarantee; For the quality problems during the quality warranty period, the company will choose to repairing, repairing parts or repairing new products during the warranty period; If the warranty period exceeds, materials and labor costs will be properly charged. The product quality problems caused by natural factors and environmental factors are not covered by the warranty.

Installation Instruction

1. Tools Recommended:

- Globe drill
- Insulation tape
- Cross screwdriver
- Wire,etc



2. Installation Steps:

1. **Working Voltage:** AC100~265V, 50/60Hz. Exceeding this voltage range is hazardous. This is an outdoor luminaire, waterproof and dustproof with IP65 protection grade. It is suitable for outdoor lighting. Do not install it in enclosed spaces or environments with poor air circulation.
2. Ensure all wires are correctly connected prior to installation. Take measures at cable joints to prevent electric leakage and avoid accidents. Sealing measures shall be applied at joints to prevent water ingress. Otherwise, the service life of the luminaire will be shortened.
3. Disassembly of the luminaire without factory authorization is prohibited. Unprofessional operations will adversely affect its performance and functions.

3. As Shown In The Figure:

