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Wireless control & Motion sensor
ALL IN ONE

LUNA LED High Bay

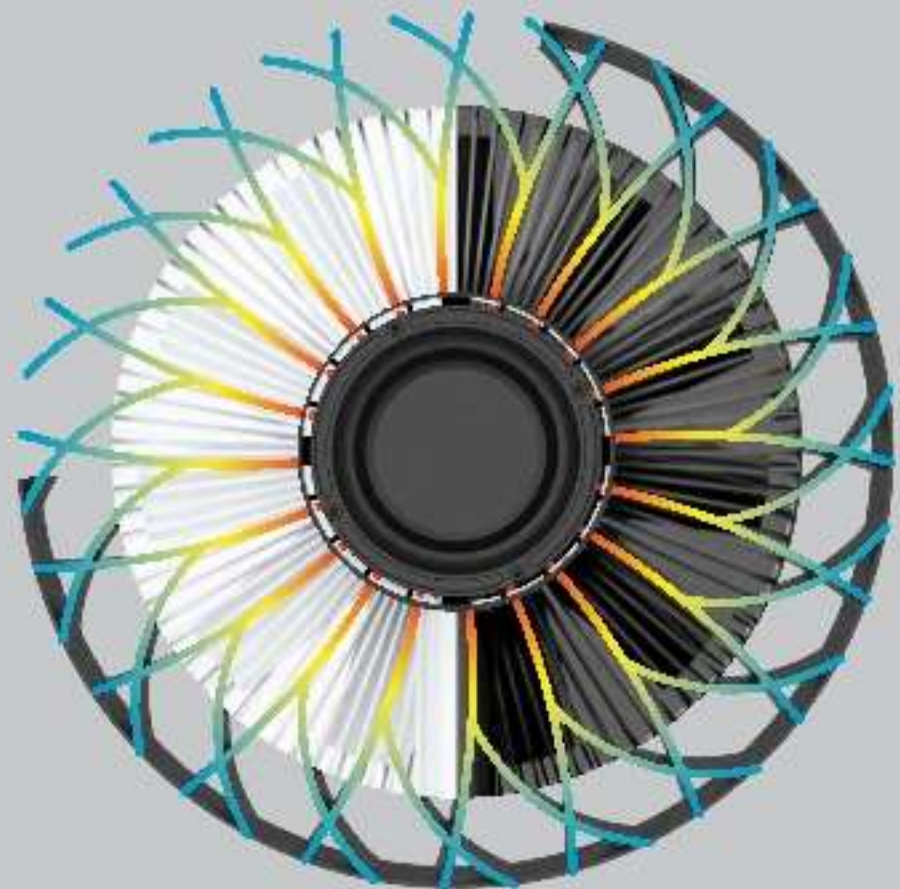
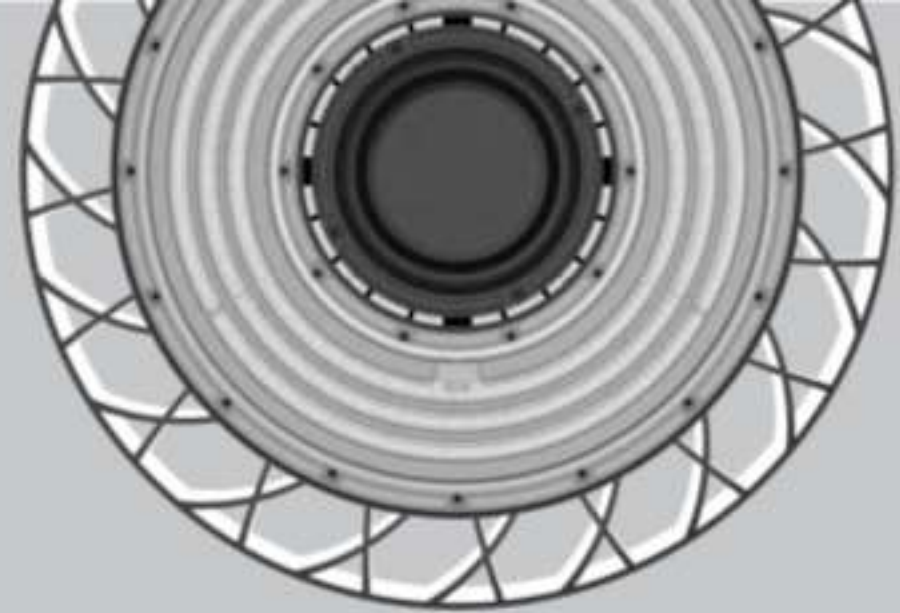


Mesh Net Work Technology

PRODUCT FEATURES

Features

- ◆ Robust Die casting aluminium housing.
- ◆ Beam angle 60°, 90°, 120°.
- ◆ Unique style, Mason own design.
- ◆ Mobile directly control through APP.
- ◆ Wireless control, mobile directly control, quick response.
- ◆ Optional built in motion sensor.
- ◆ Optional built in bluetooth control module.
- ◆ Easy for install and maintenance.



100W-200W



Product introduction

- ◆ LUNA series LED highbay, designed with built in driver and wireless control modules, can use mobile phones connect directly and quick control the lights.
- ◆ allow end user to configure the light brightness level (dimming up and down), also permit the on field or preset the sensor datas.
- ◆ These to make your warehouse or application places more easy to manage the lighting fixture, more energy saving and quick operate.

Application area

- ◆ Warehouse
- ◆ Workshop,
- ◆ Garage,
- ◆ Stadium,
- ◆ Supermarket,
- ◆ Hall and other indoor public/private places.



CABLE WIRING

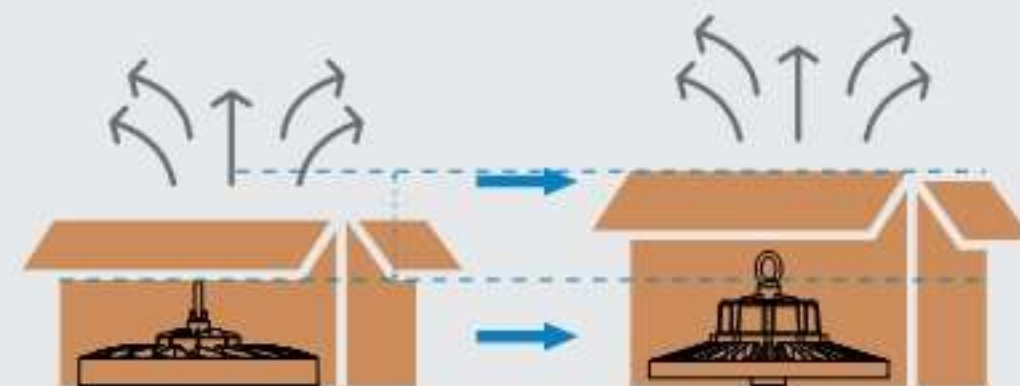


Our solutions

- ◆ ALL in one, Just one input cable.
- ◆ Wireless control node can be included.
- ◆ Motion sensor can be included.

Other solutions

- ◆ Extra Cable Connect Box.
- ◆ Extra Independent Sensor.
- ◆ Extra Mounting Accessories.



Our solutions

- ◆ Save packing space, More environmentally friendly, Save your cost on packing and transportation.

Other solutions

- ◆ Extra motion sensor device above the luminaire front plane few centimeters.

TECHNICAL SPECIFICATIONS

GENERAL INFORMATION

System power	100W / 150W / 200W
Input voltage (V ac)	220-240V
Frequency	50/60Hz
Driver included	Included
Driver internal/external	Internal
Dimmable /None dimmable	Dimmable
Flicker free	Flicker free
Power factor	> 0.9
Connection cable	One single cable input

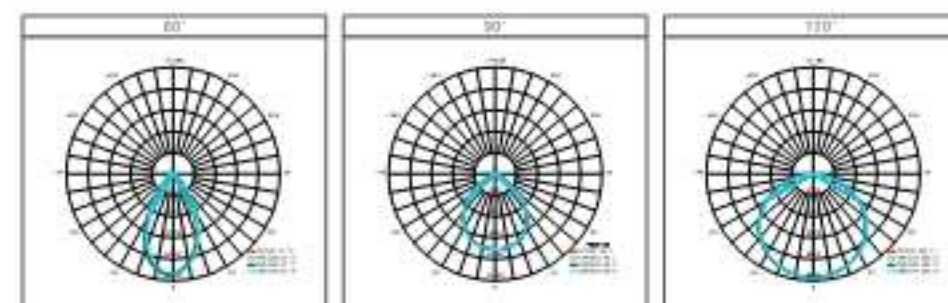
Product size(Φ*H)mm	325*135
Color	Black/ Gray
Working temperature(°C)	-20-50°C
Ingress Protection rate	IP65
Impact Protection rate	IK08
Surge protection	4-6KV
Insulation Class	Class I

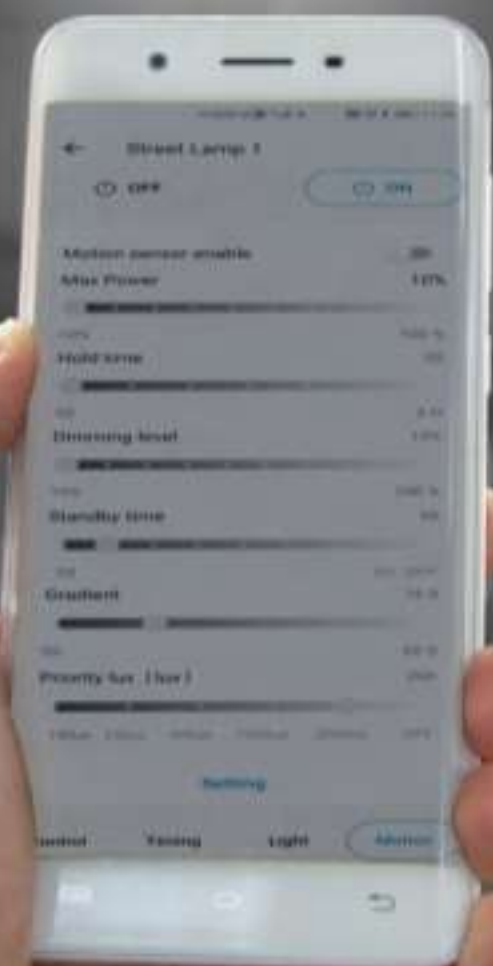


PHOTOMETRIC SPECIFICATIONS

Beam angle	60°, 90°, 120°
Color temperature	3000K/4000K/5000K
CRI	≥80
UGR	≤22
SDCM	≤5
Lumens output	28000
Efficiency	140 lm/W-170 lm/W
LED chip	SMD 2835/SMD 3030
LED brand	Lumileds / Mison
Photobiological class	RG 0/I
Optical material	Optical Polycarbonate
Lifetime	50000H
Certificates/standard	CE complied

LIGHT DISTRIBUTION CURVE





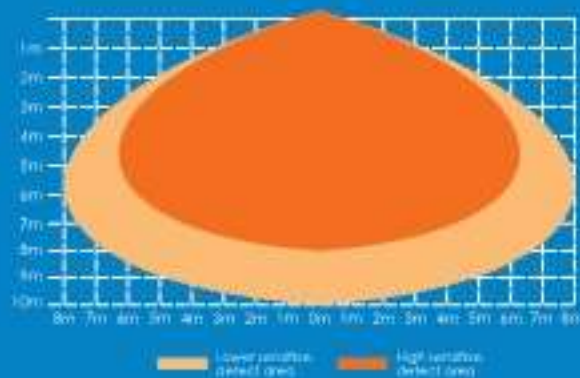
MAIN FUNCTIONS WITH WIRELESS CONTROL MODULE

MOTION SENSOR FUNCTIONS INTRODUCTION

- ◆ Single Luminaire on/off.
- ◆ Single luminaire dimming down/up.
- ◆ Group control luminaires on/off.
- ◆ Group control luminaires dimming down/up.
- ◆ Program dimming level and period (light on period and power percentage).
- ◆ Preset built-in motion sensor data.

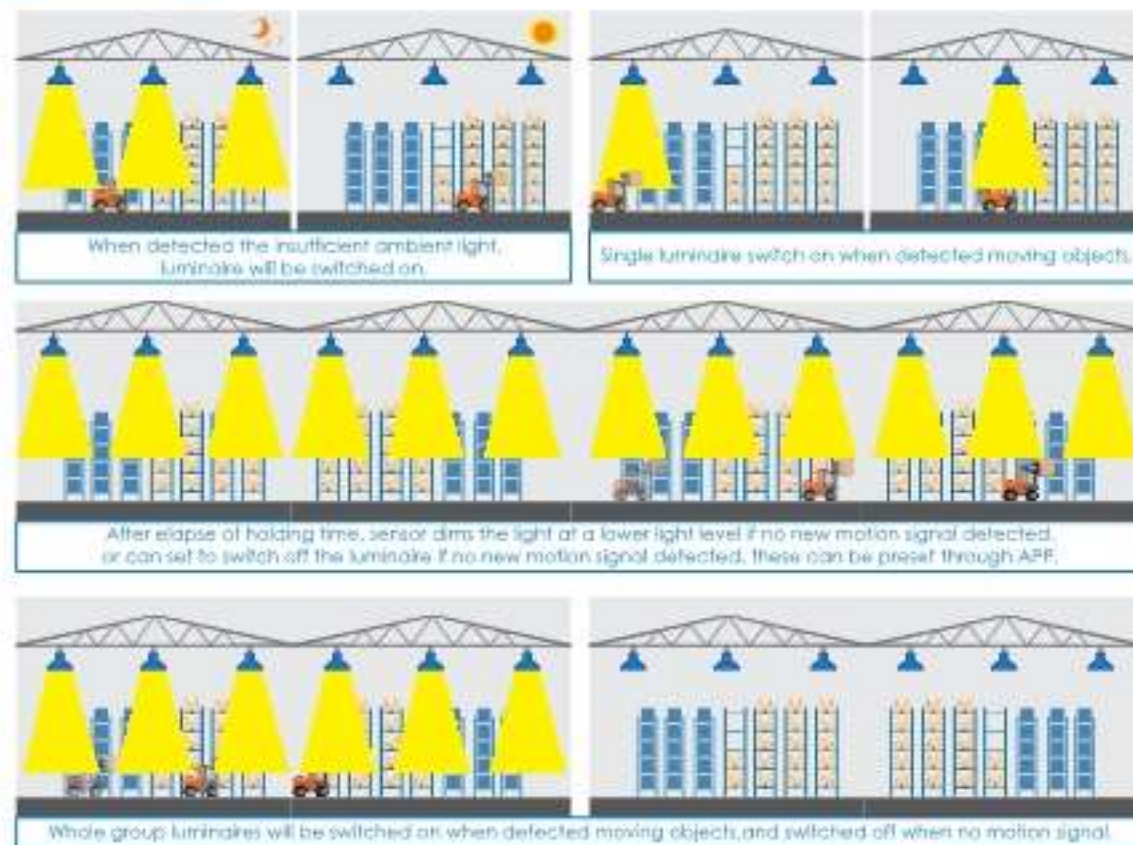


Detection area and height



- ◆ 5.8G Hz micro wave.
- ◆ Detect angle $\leq 143^\circ$

MOTION SENSOR



CAUTIONS

- ◆ Luminaire with motion sensor, the distance between the luminaires recommended $\geq 1M$, to reduce the interference between microwave modules.
- ◆ Metal objects may reflect/ affect the micro-wave transmission direction, when use this kind products, need pay attention to surroundings.
- ◆ Micro wave sensor with high sensitivity, surrounding flying or moving objects may occasional led to misjudgment of work.
- ◆ When use mobile to control the luminaires, mobile devices to the closest luminaire distances recommend $\leq 15M$.
- ◆ Large or thick walls or objects between luminaires may attenuate the signal transmission.
- ◆ For the occasional mobile phone operation does not respond, try to disconnect the Bluetooth, close the APP for few seconds, then Log in and reconnect the luminaires.