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Magic Wand

Smart LED Vapor Tight Tri-proof Light (TP-VB)

Up to 160lm/W | 40W



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Magic Wand
Remote Control



Daylight Sensor



On/Off Control

CE

RoHS

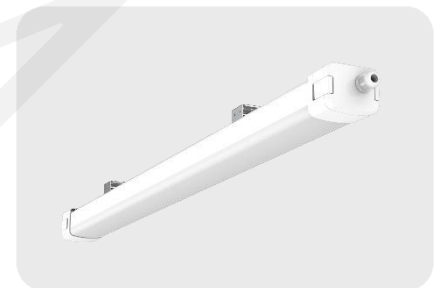


APPLICATIONS




- Parking Area
- Warehouse
- Stairway
- Exhibition Hall
- Manufacture

FEATURES

- Daylight and Motion sensors embedded
- ZigBee mesh network smart controls
- Easy Grouping without Gateway via Magic Wand Remote Control.
- Automatic ON/OFF or Dimming Functions with smart sensing (Daylight, Motion) for maximum energy saving
- Color Temperature options with 4000K, 5000K or 6500K, default available in 5000K
- Power Field available with power between 40W, 35W, 30W, 25W and 20W, default available in 40W.
- Efficiency up to 160 lm/W
- 50% less power consumption than traditional light sources.
- Lowest maintain cost



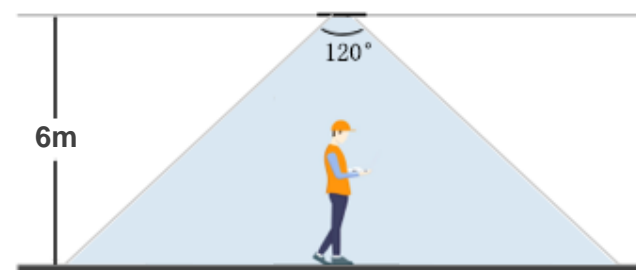
SMART MODULES

-  ZigBee Module
-  Microwave Motion Sensor Module
-  Infrared Daylight Sensor Module

Sensor Parameters

Sensing Angle	120°
Sensing Distance	6 m
Light Sensing Range	0~2000 Lux (Infrared Daylight)
Remote Control Distance	10 m

Sensing Angle





PRODUCT DATA

General Information

LED Type	Lumileds
Light efficiency	130lm~160lm/W
CCT	4000K / 5000K (Default Available) / 6500K
CRI	80
LED Lifespan	>50000h
Power Supply	Isolated
Type of Driver	HOMA
Driver efficiency	87%
Protection class IEC	IP66 for dust and water
Warranty	5 Years Warranty
Certificate	CE, RoHS

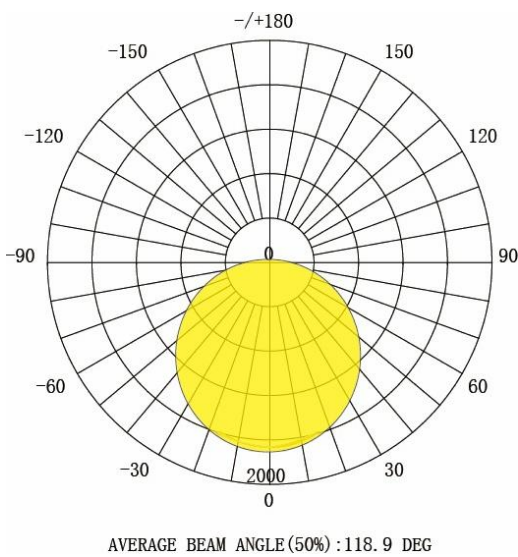
Application Conditions

Operating Temperature -30°C to +50°C

Approval and Application

Ingress protection code IP	IP66 Suitable for Wet Locations
Surge protection	4KV
Mech. impact protection code	IK08

Light Distribution Curve



Operating and Electrical

Input voltage	200~240 Vac
Input Frequency	50/60Hz
Inrush current	< 20A
Power Factor	> 0.95
THD	< 10 %
Standby Power	< 1W

Mechanical and Housing

Structure Material	PC + Stainless Steel
Finish Material	PC
Lens Material	PC
Fixture Color	White
Mounting Option	Ceiling Mount

Controls and Dimming

Dimmable	Dimmable
Intelligent Control	ZigBee / Dimming / Infrared Daylight / Microwave Motion Sensor

Drawing

LAMPS



Power Supply	Length (mm)	Width (mm)	Height (mm)
Dual Terminals	1225	74	63
Single Terminal	1250	74	63



PRODUCT PARAMETER

Model Number	Power Consumption (±10%)	Ra	Input voltage	Light Efficiency	Luminous Flux (lm) (±10%) @4000K @5000K @6500K	Beam Angle	Correlated Color Temperature	LED Type	Driver Type
HMWD12-TP-VB-L120-XXX ^① -40W-E130-A120-XX ^② -XX ^③ -MID-OTA-3.0	40W	80	200~240Vac	130lm/W	5200 lm	120deg	4000K 5000K 6500K	Lumileds	HOMA
HMWD12-TP-VB-L120-XXX ^① -40W-E160-A120-XX ^② -XX ^③ -MID-OTA-3.0	40W	80	200~240Vac	160lm/W	6400 lm	120deg	4000K 5000K 6500K	Lumileds	HOMA

PACKAGE

Item.	Luminaire Net Weight	Packing Info	Dimmension (inner box) (mm)	Dimmension (outer carton) (mm)	GW (Outer carton)	20ft GP	40ft GP	40 HQ
HMWD12-TP-VB-L120-XXX ^① -40W-E130-A120-XX ^② -XX ^③ -MID-OTA-3.0	1.37kg	9pcs/ctn	/	1298*271*245mm	13.42kg	2509 pcs	4839 pcs	6093 pcs
HMWD12-TP-VA-L120-XXX ^① -40W-E160-A120-XX ^② -XX ^③ -MID-OTA-3.0	1.37kg	9pcs/ctn	/	1298*271*245mm	13.42kg	2509 pcs	4839 pcs	6093 pcs

Remark:

- XXX^① designates different Correlated Color Temperature, 40K = 4000K, 50K = 5000K, 65K = 6500K.
- XX^② designates different Power Resource Terminals, DT= Dual Power Terminals, MT= Mono Terminal.
- XX^③ designates different market certification, EU = EUROPE UNION, US = USA, CN = CHINA
- For the US version, the input voltage is 100~277Vac.

ACCESSORIES



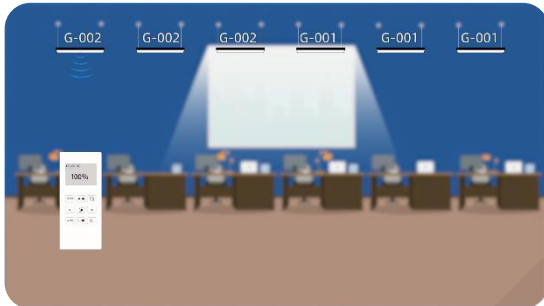
Steering Rope



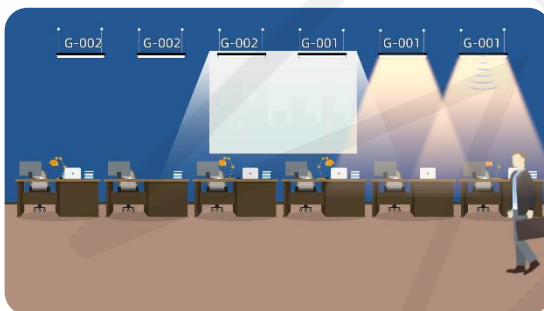
3/4NPT Converter



TYPICAL WORKING SCENARIOS



The “Magic Wand” smart lamps of HOMA are embedded with motion sensor and daylight sensor, using a “Magic Wand” remote control, users can set grouping and parameters very fast and convenient. By adopting the standard ZigBee technology, “Magic Wand” has the inborn advantages like long transmission distance, multiple channels and mesh network.



Users can set the sensor parameters of one group or individual lamp with one button, and change lamp brightness. In one group, the motion sensors work together to control these grouped lamps, and the daylight sensors control the individual lamps on/off according to the ambient brightness.

The magic wand serial include panel, linear light, tri-proof light, highbay, LED tube. This kind of smart lamps can be used for industrial and commercial area, example offices, warehouses, factories, parking and others.



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