

www.mawalighting.com



Magic Wand

Panel Light (VB)

125lm/W | 40W



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Magic Wand
Remote Control



Daylight Sensor



On/Off Control

CE RoHS



APPLICATIONS




- Office
- School
- Hotel
- Hallway
- Exhibition Hall
- Museum
- Shopping Mall
- Wash Room
- Corridor

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
- Daylight harvesting automatically regulates
- Color Temperature options with 4000K, 5000K or 6500K, default available in 5000K.
- Light Efficiency is 125Lm/W .
- Prismatic Diffuser
- 50% less power consumption than traditional light sources.
- Lowest maintain cost



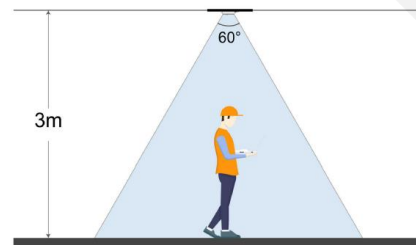
SMART MODULE

-  ZigBee Module
-  Microwave Motion or PIR Motion Sensor Module
-  Infrared Daylight or Constant Daylight Sensor module

Sensor Parameters (PD Version)

Sensing Angle	60°
Sensing Distance	3 m
Light Sensing Range	0~8,000Lux (Daylight)
Remote Control Distance	10 m

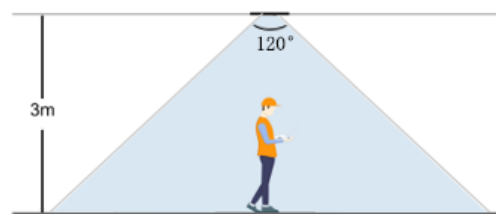
Sensing Angle (PD Version)



Sensor Parameters (MID Version)

Sensing Angle	120°
Sensing Distance	3 m
Light Sensing Range	0~2000 Lux (Infrared Daylight)
Remote Control Distance	10 m

Sensing Angle (MID Version)





PRODUCT DATA

General Information

Light efficiency	125lm/W
CCT	4000K / 5000K / 6500K
Ra	80
LED Lifespan	> 50000 h
Type of Driver	Isolated
Driver efficiency	87%
Protection class IEC	IP20
Warranty	5 Years Warranty
Certificate	CE, RoHS

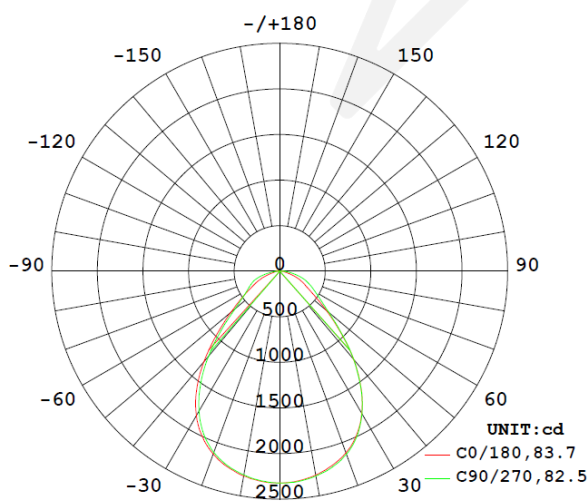
Application Conditions

Operating Temperature -20°C to +40°C

Approval and Application

Ingress protection code IP IP20
 Surge protection 4KV

Light Distribution Curve



AVERAGE BEAM ANGLE(50%) : 80 DEG

Operating and Electrical

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

Mechanical and Housing

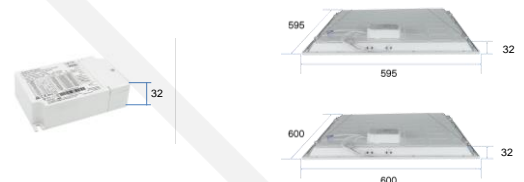
Structure Material	Aluminum frame + cold rolled plate
Finish Material	Powder coated
Lens Material	PS Diffuser + PMMA Prismatic
Housing Color	White
Mounting Option	Suspending / Recessed Mounted

Controls and Dimming

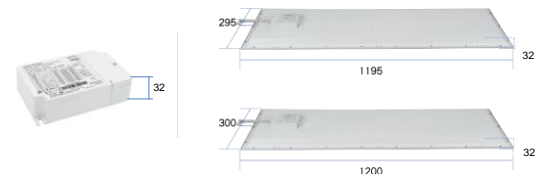
Dimmable	Dimmable
Intelligent Control	Zigbee / Dimming / Infrared Daylight or Constant Daylight / Microwave or PIR Motion Sensor

Drawing

LAMPS



Size Code	Length (mm)	Width (mm)	Height (mm)
D505	595	595	32
D606	600	600	32



Size Code	Length (mm)	Width (mm)	Height (mm)
D211	295	1195	32
D312	300	1200	32



PRODUCT PARAMETER

Model Number	Power Consumption (±10%)	Ra	Input voltage	Light Efficiency	Size(L * W * H)	Beam Angle	Correlated Color Temperature	Sensor
HMWD13-PL-VB-D505-XXX ^① -40W-E125-A080-XX ^② -PD-OTA-3.0	40W	80	200~240Vac	125 Lm/W	595*595*32 mm	80 deg	4000K 5000K 6500K	PIR motion sensor +Constant Daylight sensor
HMWD13-PL-VB-D505-XXX ^① -40W-E125-A080-XX ^② -MID-OTA-3.0	40W	80	200~240Vac	125 Lm/W	595*595*32 mm	80 deg	4000K 5000K 6500K	Microwave motion sensor+Infrared Daylight sensor
HMWD13-PL-VB-D606-XXX ^① -40W-E125-A080-XX ^② -PD-OTA-3.0	40W	80	200~240Vac	125 Lm/W	600*600*32 mm	80 deg	4000K 5000K 6500K	PIR motion sensor +Constant Daylight sensor
HMWD13-PL-VB-D606-XXX ^① -40W-E125-A080-XX ^② -MID-OTA-3.0	40W	80	200~240Vac	125 Lm/W	600*600*32 mm	80 deg	4000K 5000K 6500K	Microwave motion sensor+Infrared Daylight sensor
HMWD13-PL-VB-D211-XXX ^① -40W-E125-A080-XX ^② -PD-OTA-3.0	40W	80	200~240Vac	125 Lm/W	295*1195*32 mm	80 deg	4000K 5000K 6500K	PIR motion sensor +Constant Daylight sensor
HMWD13-PL-VB-D211-XXX ^① -40W-E125-A080-XX ^② -MID-OTA-3.0	40W	80	200~240Vac	125 Lm/W	295*1195*32 mm	80 deg	4000K 5000K 6500K	Microwave motion sensor+Infrared Daylight sensor
HMWD13-PL-VB-D312-XXX ^① -40W-E125-A080-XX ^② -PD-OTA-3.0	40W	80	200~240Vac	125 Lm/W	300*1200*32 mm	80 deg	4000K 5000K 6500K	PIR motion sensor +Constant Daylight sensor
HMWD13-PL-VB-D312-XXX ^① -40W-E125-A080-XX ^② -MID-OTA-3.0	40W	80	200~240Vac	125 Lm/W	300*1200*32 mm	80 deg	4000K 5000K 6500K	Microwave motion sensor+Infrared Daylight sensor

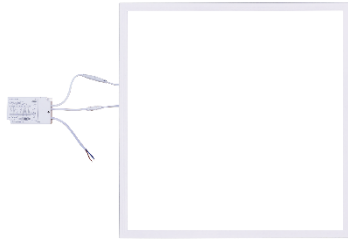
- Remark: - XXX^① designates different CCT(Correlated Color Temperature), 40K = 4000K, 50K = 5000K, 65K = 6500K.
 - XX^② designates different market certification , EU = EUROPE UNION, US = USA, CN = CHINA.
 - For the US version, the input voltage is 100~277Vac.
 - The above data is based on 5000K Ts = 25 °C .

PACKAGE

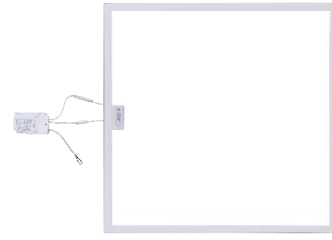
Item.	Luminaire Net Weight	Packing Info	Dimmension (inner box) (mm)	Dimmension (outer carton) (mm)	GW (Outer carton)	20ft GP	40ft GP	40 HQ
595X595(PD) 600X600(PD)	1.92kg	5 Pcs in 1 Carton	723x643x54	738x663x290	13.35KG/5PCS	1250 PCS	2435 PCS	3050 PCS
595X595(MID) 600X600(MID)	1.90kg	5 Pcs in 1 Carton	723x643x54	738x663x290	13.25KG/5PCS	1250 PCS	2435 PCS	3050 PCS
295X1195(PD) 300X1200(PD)	1.94kg	5 Pcs in 1 Carton	1316x344x54	1333x364x290	13.88KG/5PCS	1205PCS	2345PCS	2935PCS
295X1195(MID) 300X1200(MID)	1.89kg	5 Pcs in 1 Carton	1316x344x54	1333x364x290	13.48KG/5PCS	1205PCS	2345PCS	2935PCS



WIRING DIAGRAM



595mm × 595 mm MID Version
600mm × 600 mm MID Version



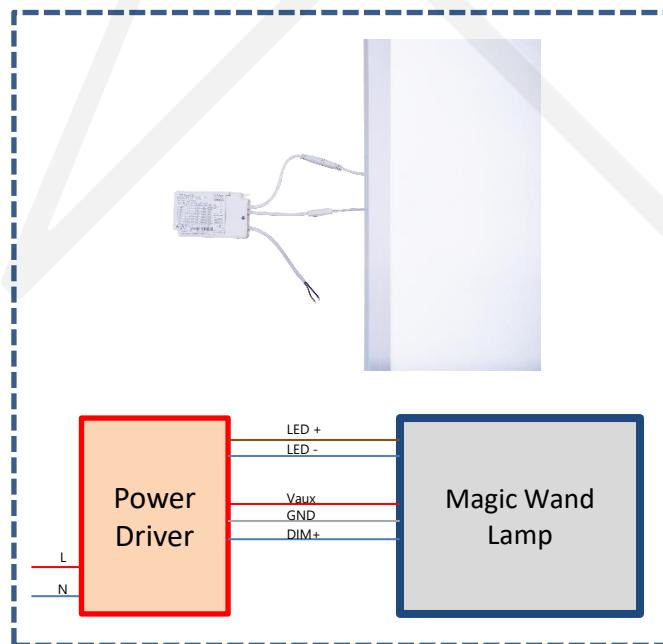
595mm × 595 mm PD Version
600mm × 600 mm PD Version



295mm × 1195mm MID Version
300mm × 1200mm MID Version

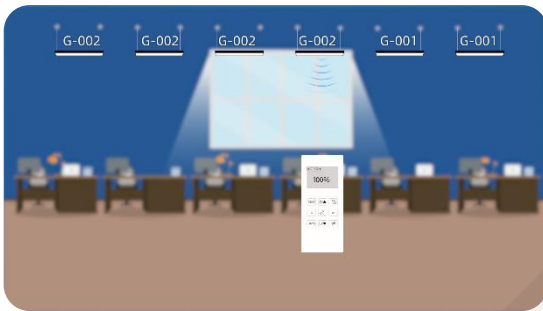


295mm × 1195mm PD Version
300mm × 1200mm PD Version

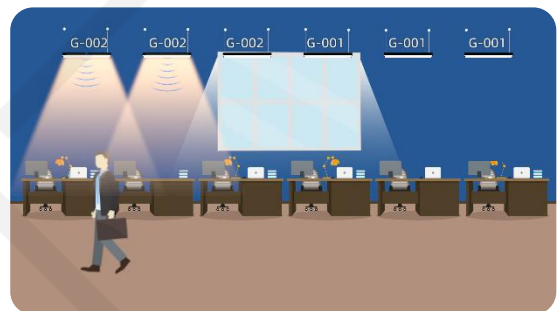
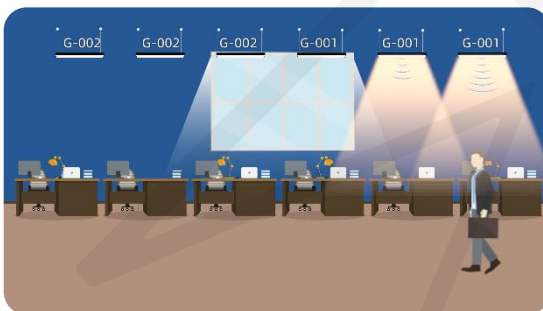




Typical Working Scenarios

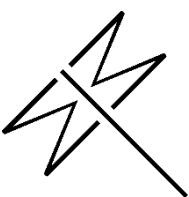


The “Magic Wand” smart lamps of HOMA are embedded with motion sensor and daylight sensor, using a “Magic Wand” remote control, users can set grouping and parameters very fast and convenient. By adopting the standard ZigBee technology, “Magic Wand” has the inborn advantages like long transmission distance,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