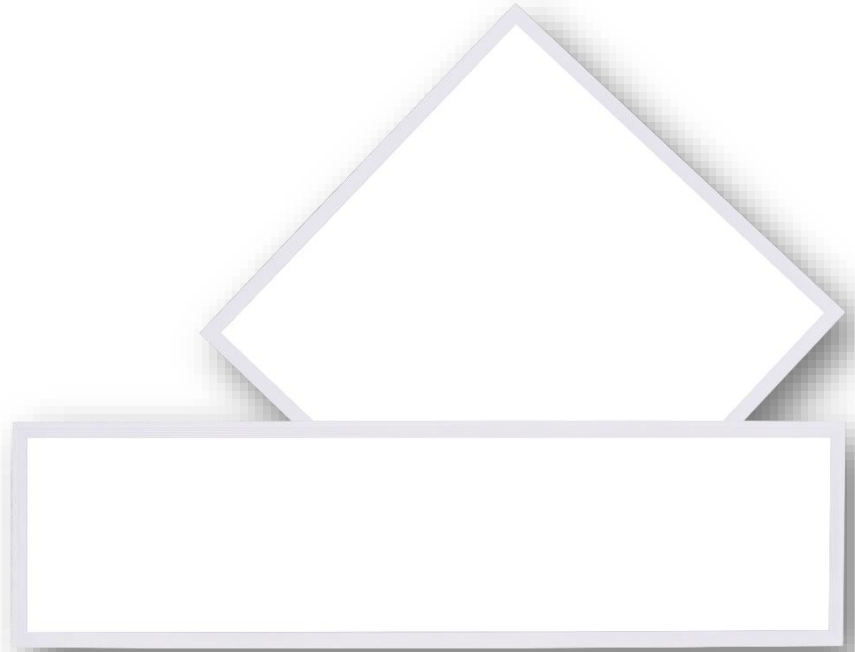


[www.mawalighting.com](http://www.mawalighting.com)



# Magic Wand

## *Panel Light*

Up to 150lm/W | 40W



ZigBee Mesh  
Network Control



Motion Sensor



Zoning&Grouping



Magic Wand  
Remote Control



Daylight Sensor



On/Off Control

# CE RoHS






## APPLICATIONS

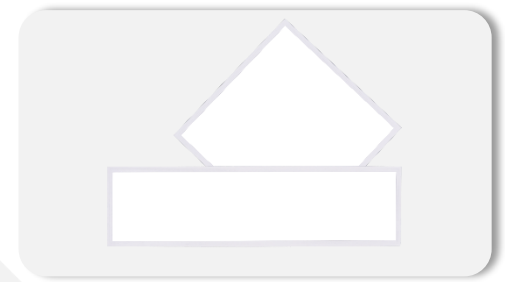
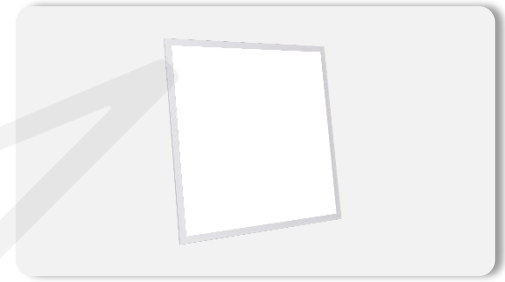
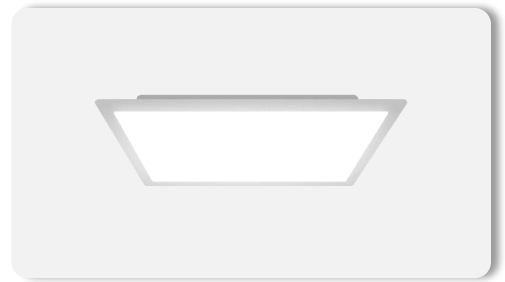
- Office
- School
- Hotel
- Hallway
- Exhibition Hall
- Museum
- Shopping Mall
- Wash Room
- Corridor

## 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
- Efficiency up to 150Lm/W, default available in 130lm/w.
- 50% less power consumption than traditional light sources.
- Lowest maintain cost

## SMART MODULE

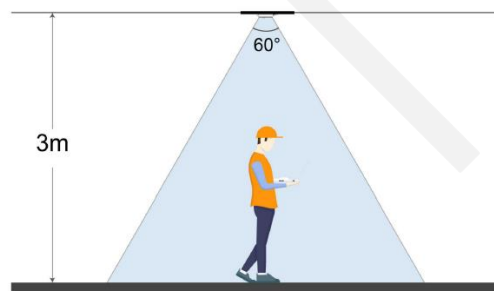
-  ZigBee Module
-  Microwave or PIR Motion Sensor Module
-  Infrared Daylight or Constant Daylight Sensor Module



### Sensor Parameters (PD Version)

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

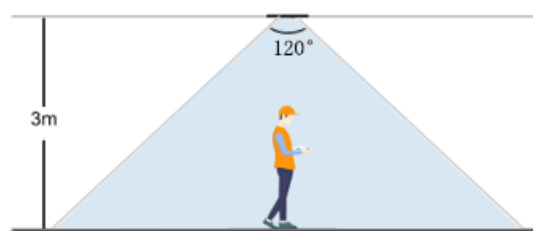
### Sensing Angle (PD Version)



### 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	130-150Lm/W
CCT	4000K / 5000K/ 6500K
CRI	80
LED Lifespan	>50000h
Type of Driver	Isolated
Driver efficiency	87%
Protection class IEC	IP20
Warranty	5 Years Warranty
Certificate	CE, RoHS

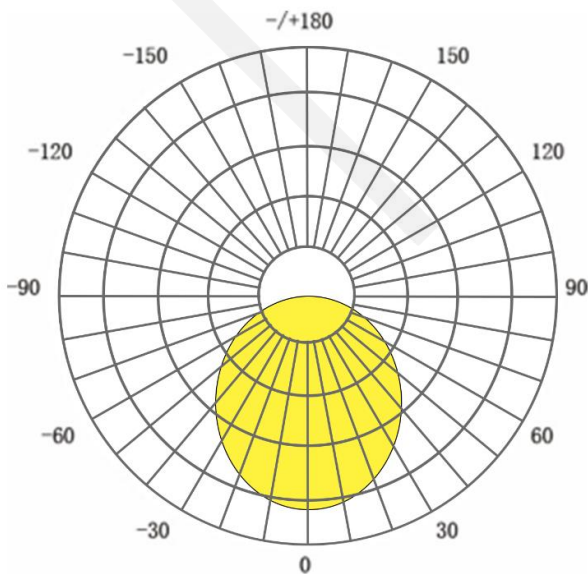
## Application Conditions

Operating Temperature	-20°C to +40°C
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## Approval and Application

Ingress protection code IP	IP20
Surge protection	4KV

## Light Distribution Curve



AVERAGE BEAM ANGLE(50%): 110 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

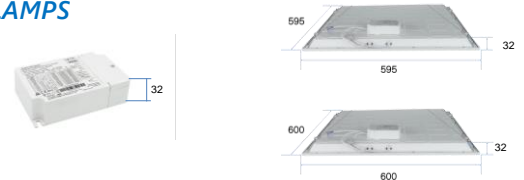
Structure Material	Aluminum frame + cold rolled plate
Finish Material	Powder coated
Lens Material	PMMA Acrylic
Fixture Color	Matte Yellow
Mounting Option	T-shaped keel embedded Mounting Suspended Spring buckle embedded Mounting

## Controls and Dimming

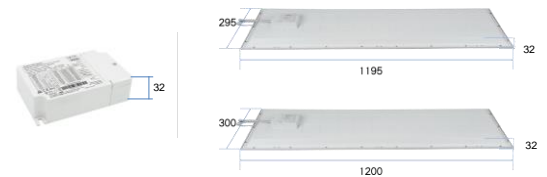
Dimmable	Dimmable
Intelligent Control	ZigBee / Dimming / Daylight or Infrared Daylight / PIR Sensor or Microwave Sensor

## 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	Luminous Flux (lm) (±10%) @4000K @5000K @6500K	Beam Angle	Correlated Color Temperature	Driver Type
HMWD13-PL-VA-D505-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -PD-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D505-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -MID-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D606-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -PD-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D606-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -MID-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D211-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -PD-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D211-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -MID-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D312-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -PD-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA
HMWD13-PL-VA-D312-XXX <sup>①</sup> -40W-EXXX <sup>②</sup> -A110-XX <sup>③</sup> -MID-OTA-3.0	40W	80	200~240Vac	130-150Lm/W	5200lm-6000lm	110 deg	4000K 5000K 6500K	HOMA

### Remark:

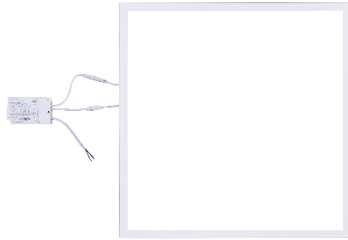
- XXX<sup>①</sup> designates different CCT(Correlated Color Temperature), 40K = 4000K, 50K = 5000K, 65K = 6500K
- XXX<sup>②</sup> designates different Light Efficiency E130=130Lm/W, E150=150Lm/W.
- XX<sup>③</sup> designates different market certification, EU = EUROPE UNION, US = USA, CN = CHINA.
- For the US version, the input voltage is 100~277Vac.

## PACKAGE

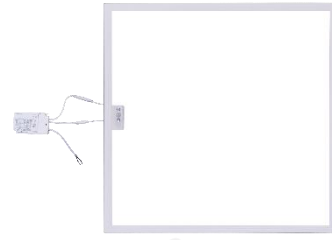
Item.	Luminaire Net Weight	Packing Info	Dimension (inner box) (mm)	Dimension (outer carton) (mm)	GW (Outer carton)	20ft GP	40ft GP	40 HQ
595X595(PD) 600X600(PD)	1.85kg	5 Pcs in 1 Carton	723x643x54	738x663x290	13.35KG/5PCS	1250 PCS	2435 PCS	3050 PCS
595X595(MID) 600X600(MID)	1.83kg	5 Pcs in 1 Carton	723x643x54	738x663x290	13.25KG/5PCS	1250 PCS	2435 PCS	3050 PCS
295X1195(PD) 300X1200(PD)	1.87kg	5 Pcs in 1 Carton	1316x344x54	1333x364x290	13.38KG/5PCS	1205PCS	2345PCS	2935PCS
295X1195(MID) 300X1200(MID)	1.86kg	5 Pcs in 1 Carton	1316x344x54	1333x364x290	13.33KG/5PCS	1205PCS	2345PCS	2935PCS



# WIRING DIAGRAM



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



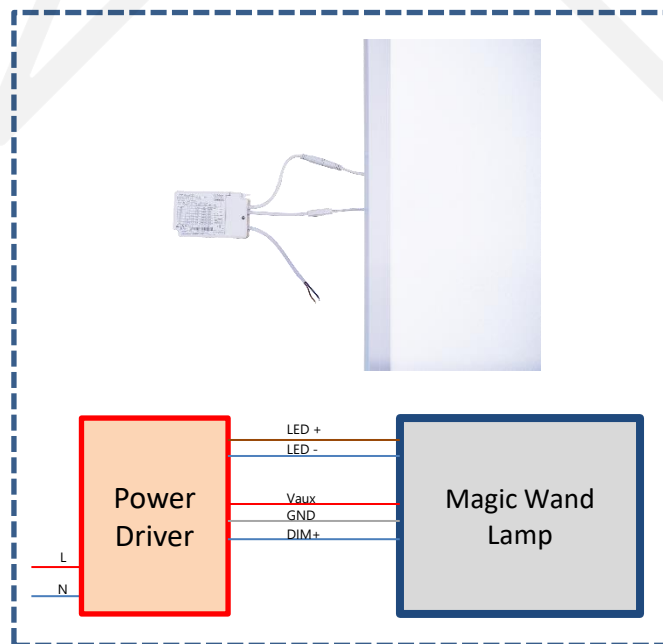
595mm × 595 mm PD Version  
600mm × 600 mm PD Version



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

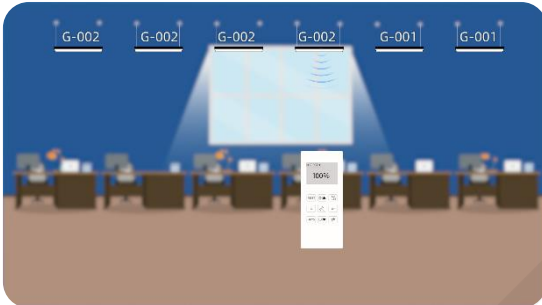


295mm × 1195mm PD Version  
300mm × 1200mm PD Version

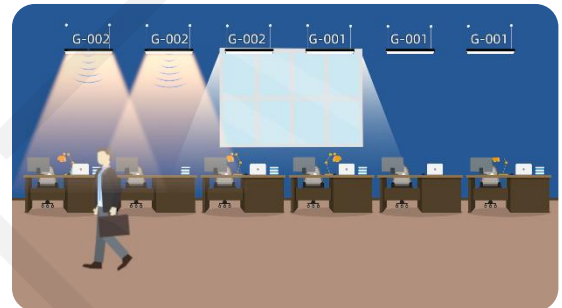
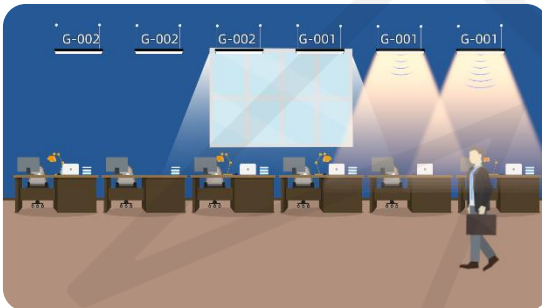




## Typical Working Scenarios

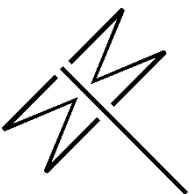


The “Magic Wand” smart lamps of HOMA are embedded with motion sensor and daylight sensor, using a “Magic Wand” remote control, users can set grouping and parameters very fast and convenient. By adopting the standard ZigBee technology, “Magic Wand” has the inborn advantages like long transmission distance,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