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Magic Wand Linear Light (VD)

Anti-glare

Up to 100 lm/W | 20W/36W/23W/40W



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Magic Wand
Remote Control



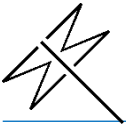
Constant
Daylight Sensor



On/Off Control

CE

RoHS



Applications

- Office
- School
- Hospital
- Store
- Exhibition Room
- Airport

Features

- ZigBee mesh network smart controls.
- Default with Constant Daylight and Motion sensors.
- Easy Grouping without Gateway via Magic Wand Remote Control.
- Automatic ON/OFF or Dimming Functions with smart sensing (Constant Daylight, Motion) for maximum energy saving.
- Color Temperature options with 4000K, 5000K, 5700K or 6500K.
- Power Field available with power between 20W, 23W, 36W, 40W.
- Efficiency up to 100 lm/W
- 50% less power consumption than traditional light sources.
- Lowest maintain cost



Smart Modules



ZigBee Module



PIR Motion Sensor Module

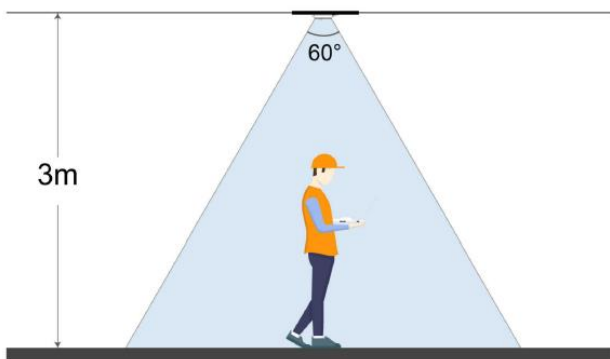


Constant Daylight Sensor Module

Sensing Angle

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

Sensing Angle





Product Data

LED Type	Lumileds
Light efficiency	100 lm/W
CCT	4000K / 5000K 5700K/ 6500K
CRI	80
LED Lifespan	>50000H
Power Supply	BOKE
Type of Driver	Non Isolated
Driver efficiency	92%
Warranty	5 Years Warranty
Certificate	CE ROHS

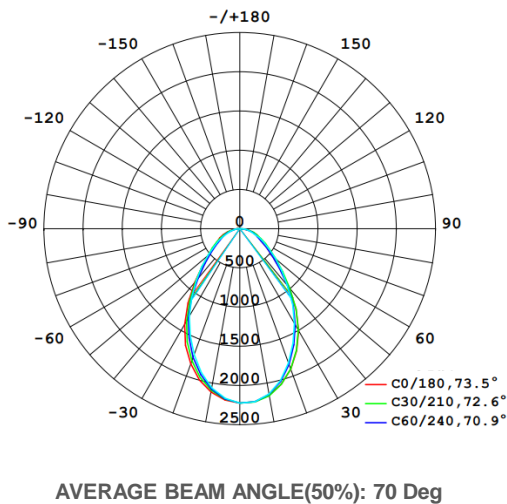
Application Conditions

Operating Temperature -20°C to +40°C

Approval and Application

Ingress protection code	IP40
Surge protection	4KV

Light Distribution Curve



Operating and Electrical

Input voltage	200-240Vac
Frequency	50/60Hz
Inrush current	12A
Power Factor	≥0.95
THD	<10%

Mechanical and Housing

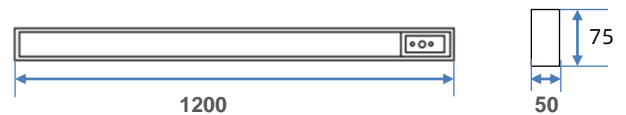
Structure Material	Die-Casting Aluminum
Finish Material Lens	Powder coated
Material Glass	PC
Material Fixture Color	White/Black
Mounting Option	Recessed Mounting/Wall Mounted/Hoisting

Controls and Dimming

Dimmable	Dimmable
Intelligent Control	ZigBee / Dimming/ Constant Daylight Sensor/ PIR Motion sensor

Drawing

Unit: mm



Model Number	Length (mm)	Height (mm)	Width (mm)
L100	1000	75	50
L120	1200	75	50



Product Parameter

Model Number	Power Consumption (±10%)	Ra	Input voltage	Light Efficiency	Luminous Flux (lm) (±10%)	Beam Angle	CCT	Driver Type
HMWD14-LN-VD-L100-XXX [®] -20W-E100-A070-XX [®] -PD-OTA-3.0	20W	80	200~240Vac	100 lm/W	2000 lm	70 Deg	4000K 5000K 5700K 6500K	Non Isolated
HMWD14-LN-VD-L100-XXX [®] -36W-E100-A070-XX [®] -PD-OTA-3.0	36W				3600 lm			
HMWD14-LN-VD-L120-XXX [®] -23W-E100-A070-XX [®] -PD-OTA-3.0	23W				2300 lm			
HMWD14-LN-VD-L120-XXX [®] -40W-E100-A070-XX [®] -PD-OTA-3.0	40W				4000 lm			

Remark: - XXX[®] designates different Correlated Color Temperature, 40K = 4000K, 50K= 5000K, 57K=5700K, 65K = 6500K.
 - XX[®] designates different market certification , EU = EUROPE UNION, US = USA, CN = CHINA.
 - PD= PIR Motion sensor + Constant Daylight Sensor.
 - For the US version, the input voltage is 100~277Vac.
 please contact us to get the other version information!

Package

Model Number	Luminaire Net Weight	Packing Info	Dimension (outer carton) (mm)	GW (Outer carton)	20ft GP	40ft GP	40 HQ
L100	1.65kg	12/pcs	1112*470*225	21kg	2607	5073	6353
L120	1.78kg	9/pcs	1312*240*340	17kg	2140	4163	5213



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.