



Theorylight

Linear Light (VD)

Upto 100 lm/W | 20W/36W/40W



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Theorylight
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 Theorylight 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, 36W, 40W.
- Efficiency up to 100 lm/W
- 50% less power consumption than traditional light sources.
- Lowest maintain cost

Smart Modules



ZigBeeModule



PIR Motion Sensor Module



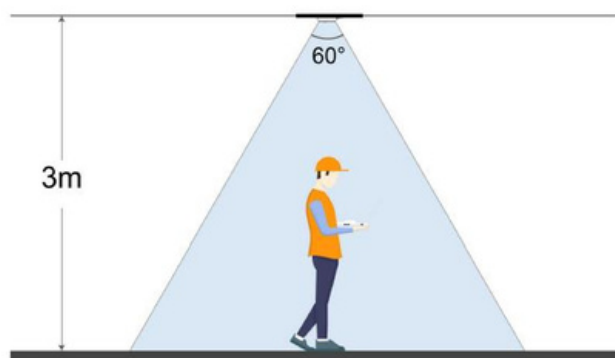
Constant Daylight Sensor Module



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	Light	Lumileds 100 lm/W
efficiency	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	Beam	CE ROHS
Angle		70°

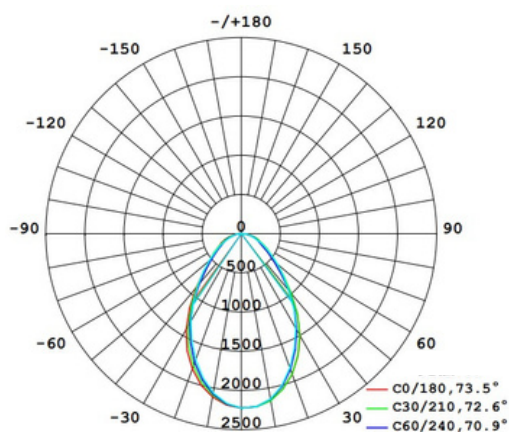
Application Conditions

Operating Temperature	-20℃ to +40
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Approval and Application

Ingress protection code	
Surge protection	IP40
	2KV

Light Distribution Curve



AVERAGE BEAM ANGLE(50%): 70 Deg

Operating and Electrical

Input voltage	200-240Vac
Frequency	50/60Hz
Inrush current	12A ≥0.90
Power Factor	<15%
THD	

Mechanical and Housing

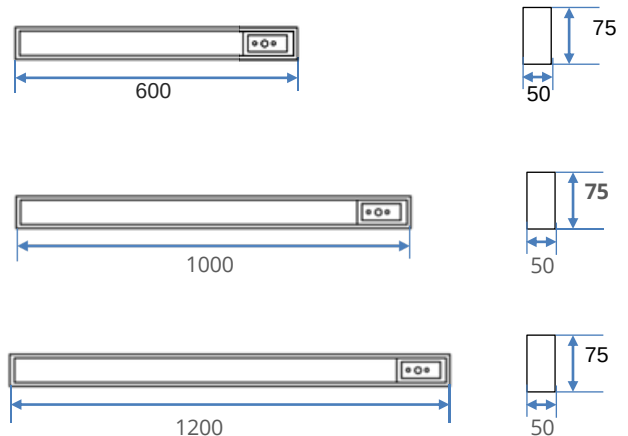
Structure Material	Die-Casting Aluminum
Finish Material Lens	Powder coated
Material Glass	PC
Material Fixture Color	White/Black
Mounting Option	Recessed Mounting/Wall Mounted/Hoisting

Controls and Dimming

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

Draw ing

Unit: mm



Model Number	Length (mm)	Height (mm)	Width (mm)
L060	600	75	50
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
TL14-LN-VD-L060-XXX①- 20W-E090-A070- EU -PD-OTA- 3.0	20W	80	200~240Vac	90 lm/W	1800 lm	70 Deg	4000K 5000K 5700K 6500K	Non Isolated
TL14-LN-VD-L100-XXX①- 36W-E100-A070- EU -PD-OTA- 3.0	36W			100 lm/W	3600 lm			
TL14-LN-VD-L120-XXX①- 40W-E100-A070- EU -PD-OTA- 3.0	40W				4000 lm			

Remark : -XXX①designates different Correlated Color Temperature, 40K = 4000K, 50K= 5000K, 57K=5700K, 65K = 6500K.

-PD=PIR Motion sensor + Constant Daylight Sensor.

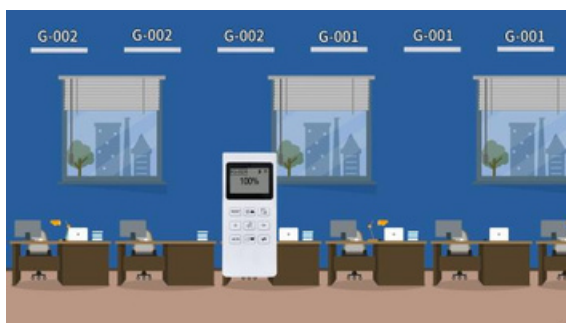
-For the US version, the input voltage is 100~277Vac.

Please contact us to get the other version information!

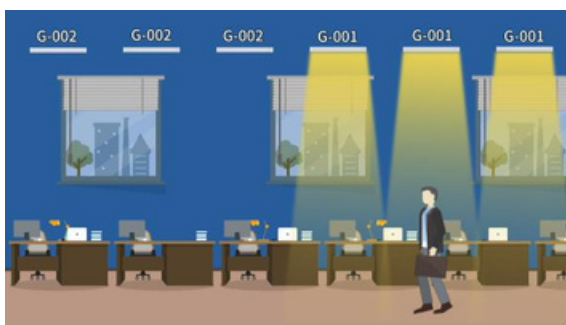
Package

Model Number	Luminaire Net Weight	Packing Info	Dimension (outercarton) (mm)	GW (Outer carton)	20ft GP	40ft GP	40HQ
L060	0.99kg	18/pcs	712*470*330	19kg	4201	8173	10235
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 “Theorylight” smart lamps of HOMA are embedded with motion sensor and daylight sensor, using a “Theorylight” remote control, users can set grouping and parameters very fast and convenient. By adopting the standard ZigBee technology, “Theorylight” 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 lampson/off accordingto the ambient brightness.

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