



Theorylight

High Bay Light-VC

Up to 140lm/W | 200W



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Theorylight
Remote Control



Daylight Sensor



On/Off Control



RoHS

Applications

- Warehouse
- Workshop
- Sports Hall
- Exhibition Hall

Features

- Daylight and Motion Sensors . ZigBee mesh network smart controls.
- Easy Grouping without Gateway via theorylight Remote Control.
- Automatic ON/OFF or Dimming Functions with smart sensing
- (Daylight, Motion) for maximum energy saving.
- Power Field available with power between 120W,150W,200W. Color
- Temperature options with 4000K, 5000K, 5700K or 6500K.
- Efficiency up to 140Lm/W. 50% less power consumption than
- traditional light sources.
- Lowest maintain cost.



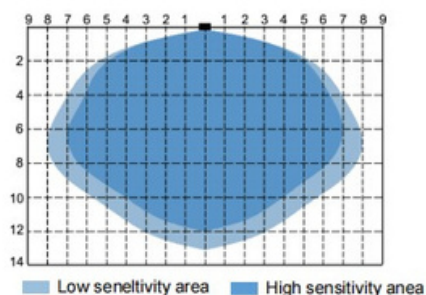
Smart Modules

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

Sensor Parameters(MID)

Sensing Angle	120° 12m 0~2000 Lux(Infrared
Sensing Distance	Daylight) 15 m
Light Sensing Range	
Remote Control Distance	

Sensing Angle (MID)



MID Sensor

Product Data

Light efficiency	140lm/W
CCT CRI LED	4000K/ 5000K/5700K/6500K
Lifespan Power	80
Supply	>50000h
Driver efficiency	Non-Isolated
	91%
Warranty	5 Years Warranty
Certificate	CE, RoHS

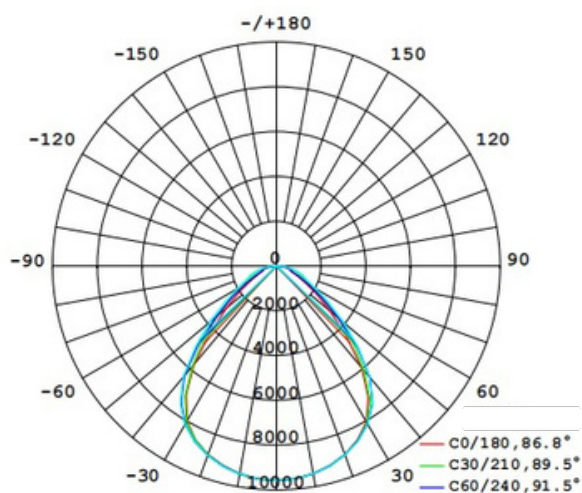
Application Conditions

Operating Temperature	-20°C to +50°C
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Approval and Application

Ingress protection code IP	IP6
Surge protection	5
	3KV

Light Distribution Curve



Average Beam Angle (50%): 90DEG

Operating and Electrical

Input voltage	100~277 Vac
Input Frequency	50/60Hz
Inrush current	< 20A
Power Factor	> 0.95
THD	< 10 %
Standby Power	< 1W

Mechanical and Housing

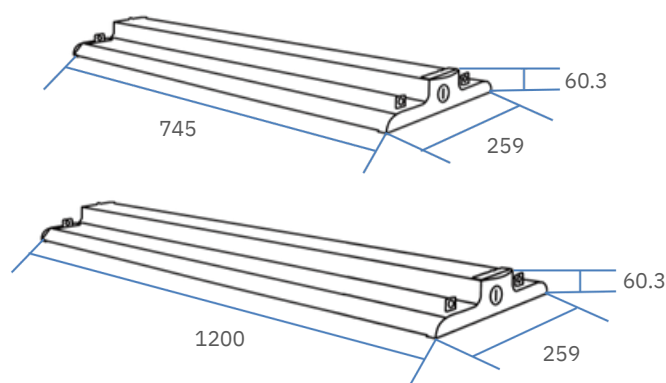
Structure Material	
Finish Material	AL+PC PC
Lens Material	PC
Fixture Color	W hite
Mounting Option	Suspending / Ceiling Mounting

Controls and Dimming

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

Draw ing

Until : mm



Power	Length (mm)	Width (mm)	Height (mm)
120W	745	259	60.3
150W	745	259	60.3
200W	1200	259	60.3

Product Parameter

Model Number	Power Consumption (±10%)	Ra	Input Voltage	Light Efficiency	Luminous Flux (lm) (±10%)	Beam Angle	CCT	Sensor Driver Type
TLHWD10-HB-VC-L075-XXX ^① -120W-E140-A090-EU-MID-OTA-3.0	120W	80	100-277Vac	140 lm/W	16800 lm	90°	4000K 5700K 5000K 6500K	MID=Microwave motion sensor + Infrared Daylight Sensor
TLHWD10-HB-VC-075-XXX ^① -150W-E140-A090-EU-MID-OTA-3.0	150W			140 lm/W	21000 lm			
TLHWD10-HB-VC-L120-XXX ^① -200W-E140-A090-EU-MID-OTA-3.0	200W			140 lm/W	28000 lm			

Package

Model Number	Luminaire Net Weight (kg)	Packing Info	Dimension (inner box) (mm)	Dimension (outer carton) (mm)	GW (Outer carton) (KG)	20ft GP (PCS)	40ft GP (PCS)	40 HQ (PCS)
TLHWD10-HB-VC-L075-XXX ^① -120W-E140-A090-EU-MID-OTA-3.0	\	\	\	\	\	\	\	\
TLHWD10-HB-VC-075-XXX ^① -150W-E140-A090-EU-MID-OTA-3.0	\	\	\	\	\	\	\	\
TLHWD10-HB-VC-L120-XXX ^① -200W-E140-A090-EU-MID-OTA-3.0	\	\	\	\	\	\	\	\

Remark : -XXX^①designates different Correlated Color Temperature, 40K = 4000K, 50K= 5000K, 57K=5700K, 65K = 6500K。
 -For the US version, the input voltage is 100~277Vac.

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 lamp on/off according to the ambient brightness.

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