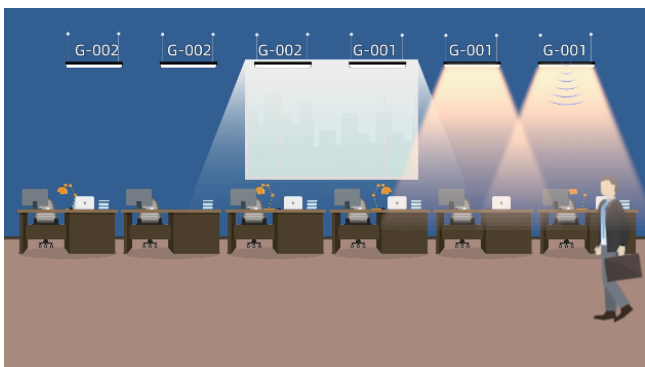


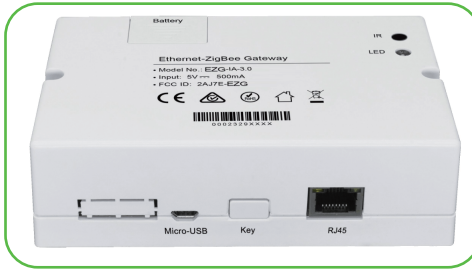
Smart LED Lighting



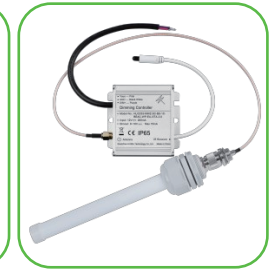
Smart Sensor



Remote



Gateway



Bridge + Antenna



Control Panel

The smart lamps are embedded with motion sensor and daylight sensor, using a remote control, they has the inborn advantages like long transmission distance, multiple channels and mesh network. Users can set grouping and parameters very fast and convenient. by adopting the standard ZigBee technology. For example, 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 smart serial include panel, linear light, tri-proof light, high bay, LED tube. This kind of smart lamps can be used for industrial and commercial area, example offices, warehouses, factories, parking and others.

- | | | | |
|----|---|---------------------------------------|----|
| 01 | 2 Way Communication | Standard HA (Home Assistant) Protocol | 10 |
| 02 | Area & Scene Control | End-to-End Transmission Encryption | 09 |
| 03 | Scheduled Control / Timer Control | Support for Passive Wireless Switches | 08 |
| 04 | Account Management | Multi-Gateway Support | 07 |
| 05 | Energy Consumption & Failure Statistics | OTA (Over-the-Air) Updates | 06 |



Smart LED Tri-proof Light Up To 160LM/W | 40W



ZigBee Mesh
Network Control



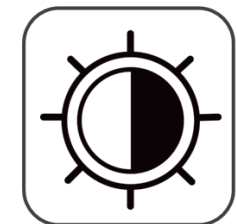
Motion Sensor



Remote Control



Zoning & Grouping



Daylight Sensor



On/Off Control

LED tri-proof lights are widely used indoor

Tri-proof lights are mainly used in indoor environments such as cold storage, supermarket, warehouse, workshop, tunnel, parking lot, sorting center whrer require fire and explosion protection, and can be used in humid semi-outdoor environments

Smart LED Tri-proof Light

Features

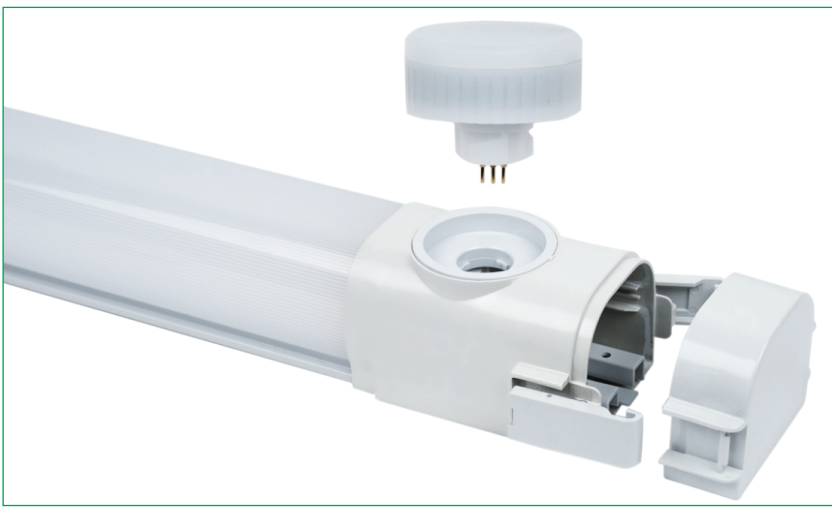
- External sensor optional Microwave Motion Sensor / Infrared Motion Sensor
- ZigBee mesh network smart controls
- Easy Grouping without Gateway via Smart Remote Control
- Single-ended or double-ended power supply is optional, and double-ended powered lamps can be cascaded
- Automatic ON/OFF or Dimming Functions with smart sensing (Daylight, Motion) for maximum energy saving
- Color Temperature options with 4000K, 5000K, 6000K by DIP switch
- IK08 mechanical structure impact protection
- IP65 protection grade
- Power is optional by DIP switch
- Efficiency up to 160 lm/W
- Lowest maintain cost
- 50% less power consumption than traditional light sources

Smart Modules

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

Sensor Parameters (MID) & (PID)

- Sensing Angle 120° & 7.5°
- Sensing Distance 6 m
- Light Sensing Range 0~2000 Lux(Infrared Daylight)
- Remote Control Distance 10 m



Smart LED Tri-proof Light

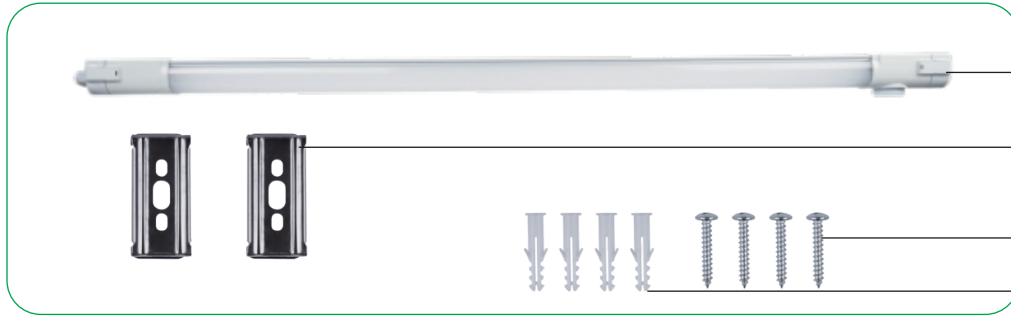
Product Data	
●Light efficiency	160lm/W
●CCT/CRI	4000K/ 5000K/ 6000K(By DIP Switch), ≥80
●LED Lifespan	> 50000h
●Power Supply	Non-Isolated, 50/60Hz, THD < 10%
●Driver efficiency/Power Factor	91% / > 0.95
●Warranty	5 Years Warranty
●Certificate	CE, RoHS
●Input voltage	200~240 Vac

Product Data	
●Ingress Protection code IP	IP65
●Surge Protection	3KV
●Mech. Impact Protection Code	IK08
●Operating Temperature	-20℃ to +50℃

Mechanical	
●Structure Material	PC
●Lens Material	PC
●Fixture Color	White

Controls and Dimming	
●Dimmable	Dimmable
●Intelligent Control	ZigBee / Dimming / Infrared Daylight / Microwave Motion Sensor / PIR Motion Sensor

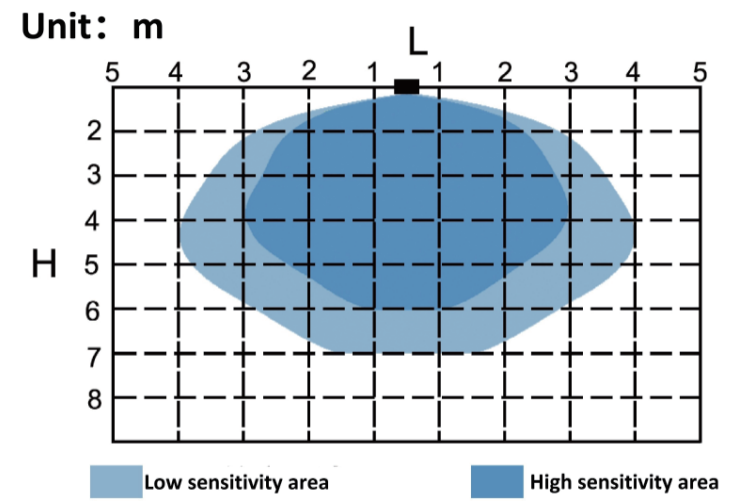
Standard Kit



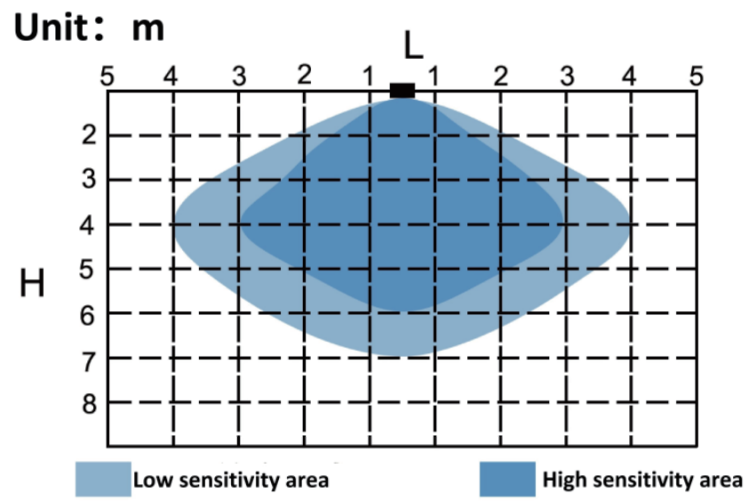
- 1 LED Tri-proof Light
- 2 Stainless steel Buckle
- 3 Expansion screw
- 4 Plastic expansion plug

Smart LED Tri-proof Light

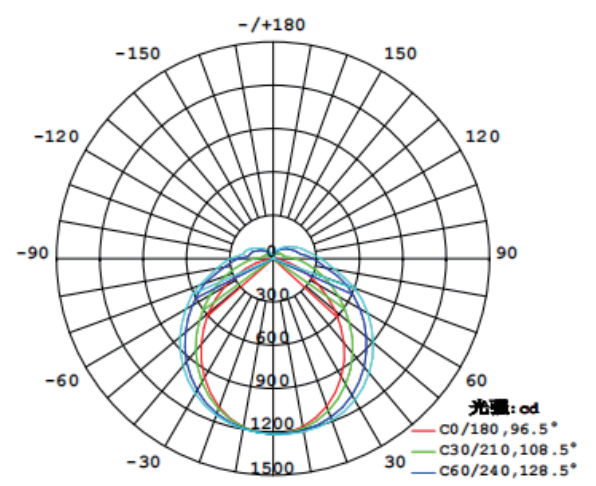
Sensing Angle(MID)



Sensing Angle(PID)

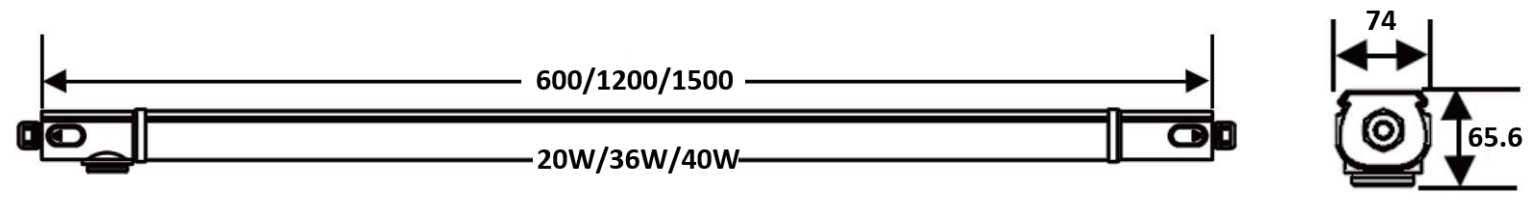


Light Distribution Curve



Dimensions:

Unit: mm



Package

Specified Length	N.W.: KG	Packing Info	Packing Size mm
600mm	0.62	8Pcs / Carton	705*405*185
1200mm	0.99	8Pcs / Carton	1305*405*185
1500mm	1.40	8Pcs / Carton	1605*405*185



Smart LED High Bay Light 60W/100W/150W/200W Up To 190LM/W



ZigBee Mesh
Network Control



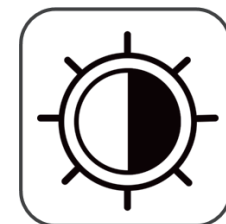
Motion Sensor



Remote Control



Zoning & Grouping



Daylight Sensor



On/Off Control

LED high bay lights are widely used indoor

Widely used for high bay lighting factories,workshops,warehouse,logistics centers, exhibition halls,stadiums,shipyards,mines,highway toll station,gas stations,supermarkets, farmers markets and so on.
And because of its IP65 protection grade,they are also can be used outdoor.

Smart LED High Bay Light

Features

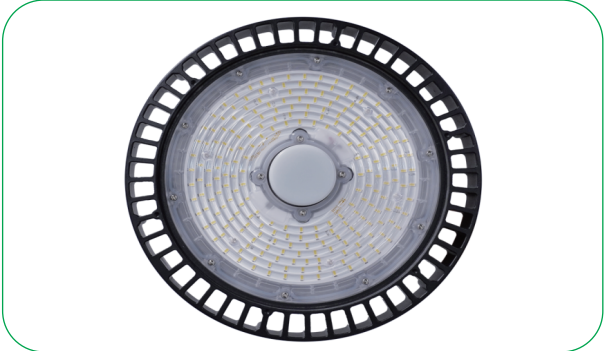
- ZigBee mesh network smart controls
- Daylight and Motion Sensors
- Easy Grouping without Gateway via Smart Remote Control
- Automatic ON/OFF or Dimming Functions with smart sensing (Daylight, Motion) for maximum energy saving
- Color Temperature options with 4000K, 5000K, 6000K by DIP switch
- Power Field available with power between 60W, 100W, 150W and 200W
- IP65 protection grade
- Power is optional by DIP switch
- Efficiency up to 190 lm/W
- Cooling fins as heat sink with die casting
- Lowest maintain cost
- 50% less power consumption than traditional light sources

Smart Modules

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

Sensor Parameters (MID) & (PID)

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





Smart LED High Bay Light

Product Data

●LED Type/Band	Lumileds2835
●Light efficiency	150lm/W,170lm/W,190lm/W
●CCT/CRI	4000K/ 5000K/ 6000K(By DIP Switch), ≥80
●LED Lifespan	> 50000h
●Power Supply	SOSEN/MOSO,Non-Isolated, 50/60Hz, THD< 10%
●Driver efficiency/Power Factor	94% / > 0.95
●Warranty	5 Years Warranty
●Certificate	CE, RoHS
●Input voltage	200~240 Vac/100~277 Vac

Product Data

●Ingress Protection code IP	IP65
●Surge Protection	6KV
●Mech. Impact Protection Code	IK08
●Operating Temperature	-20℃ to +50℃

Controls and Dimming

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

Mechanical

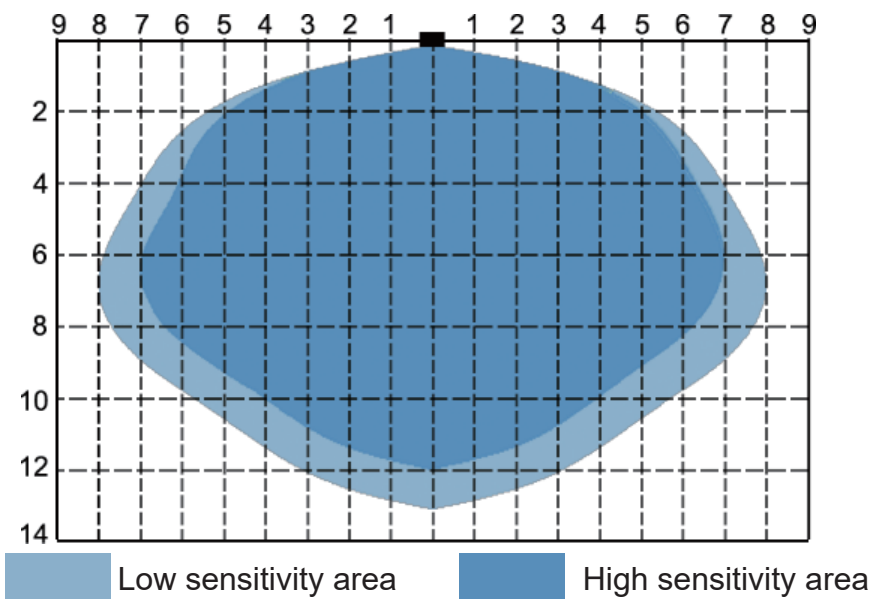
●Structure Material	Die-cast aluminum
●Lens Material	PC
●Fixture Color	Matte Black
●Lens Material	Polycarbonate

<https://www.honsentider.com/>

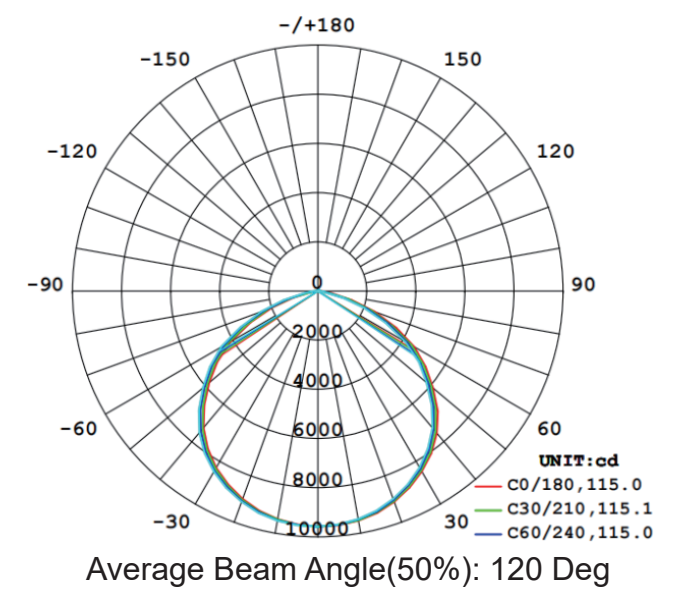
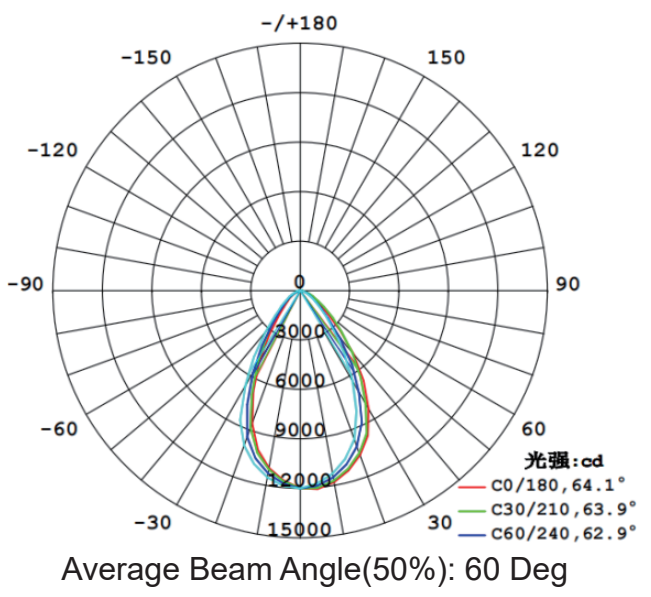
Smart LED High Bay Light

Sensing Angle

Unit : m



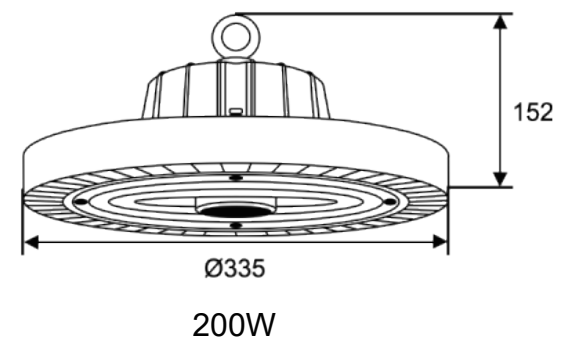
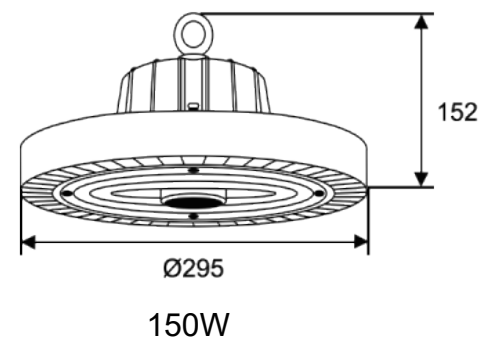
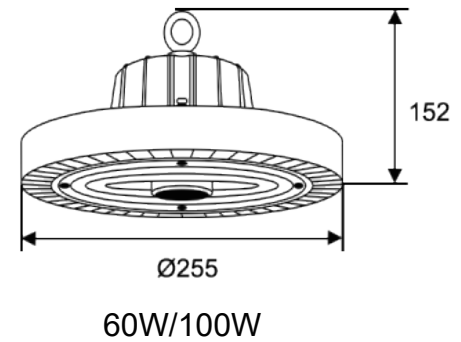
Light Distribution Curve



<https://www.honsentider.com/>

Smart LED High Bay Light

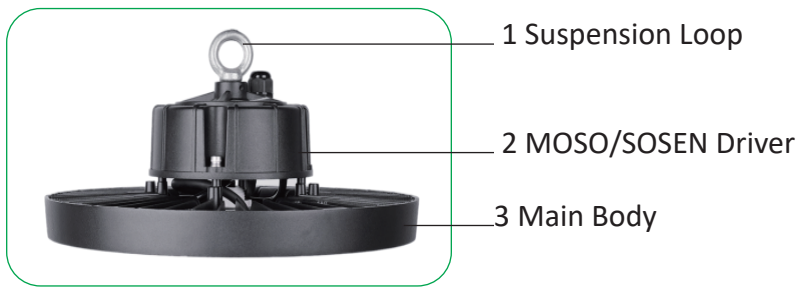
Dimensions:
Unit: mm



Package

Power	N.W.: KG	Packing Info	Dimension (inner box) (mm)	Dimension (outer carton)(mm)	GW (outer carton)(kg)
60W/100W	2.10	4Pcs / Carton	259.5*259.5*154	539*274.5*328	10.09
150W	2.40	4Pcs / Carton	296.5*296.5*154	613*311.5*328	11.83
200W	3.10	4Pcs / Carton	339.5*339.5*154	699*354.5*328	13.88

Standard Kit



Mounting Options



Suspending



Ceiling Mounting



Wall Mounting



Smart LED Linear Light 20W/36W/40W Up To 100~120LM/W



ZigBee Mesh
Network Control



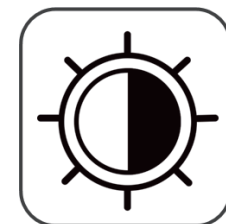
Motion Sensor



Remote Control



Zoning & Grouping



Daylight Sensor



On/Off Control

LED Linear lights are widely used indoor

Commonly used in various settings such as high-end office buildings, schools, hospitals, exhibition halls, airports, supermarkets, and department stores

Smart LED Linear Light

Features

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

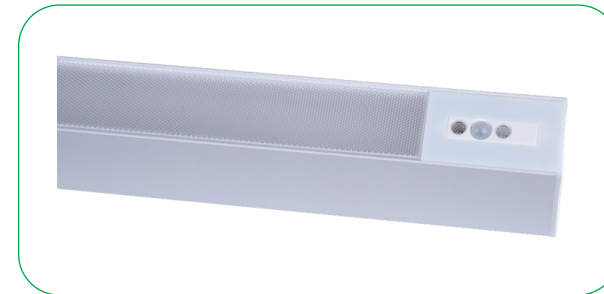
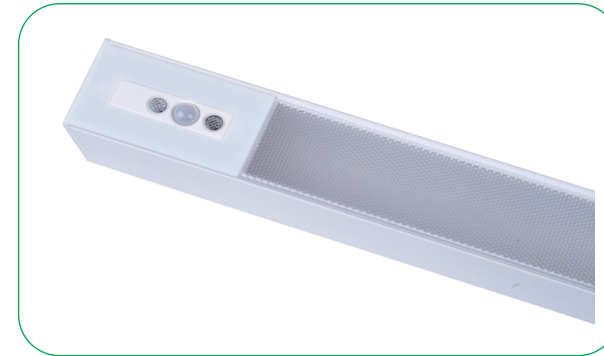
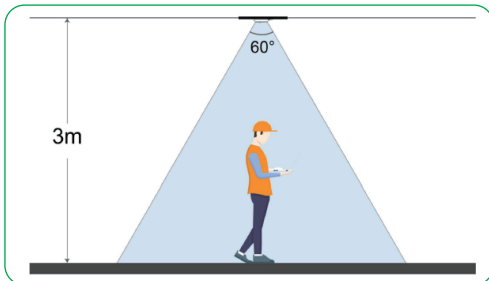
Smart Modules

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

Sensor Parameters

- Sensing Angle 60°
- Sensing Distance 3 m
- Light Sensing Range 0~8000 Lux(Constant Daylight)
- Remote Control Distance 10 m

Sensor Angle





Smart LED Linear Light

Product Data

●LED Type/Band	Lumileds2835
●Light efficiency	100lm/W,120lm/W
●CCT/CRI	4000K/ 5000K/ 5700K/6500K, ≥80
●LED Lifespan	> 50000h
●Power Supply	BOKE,Non-Isolated, 50/60Hz, THD < 15%
●Driver efficiency/Power Factor	92% / > 0.90
●Warranty	5 Years Warranty
●Certificate	CE, RoHS
●Input voltage	200~240 Vac

Product Data

●Beam Angle	70°
●Surge Protection	2KV
●Ingress protection code	IP40
●Operating Temperature	-20℃ to +40℃

Controls and Dimming

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

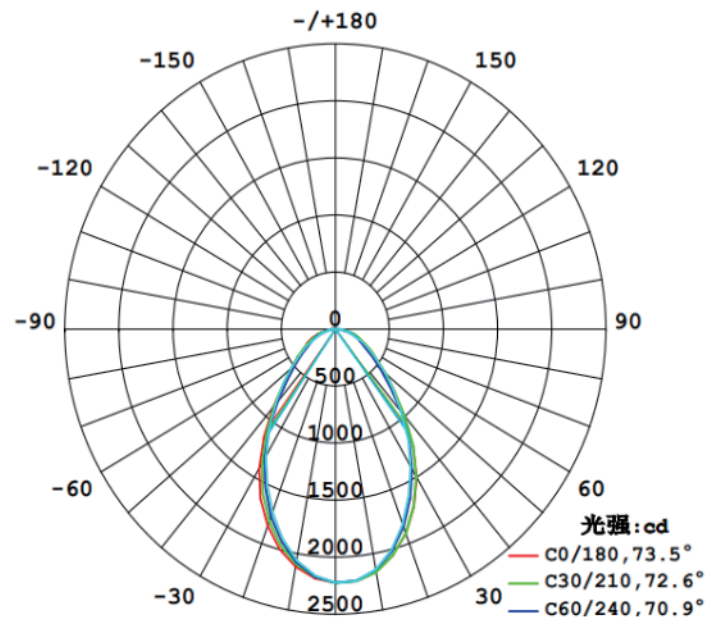
Mechanical

●Structure Material	Die-cast aluminum
●Material Glass	PC
●Fixture Color	White/Black
●Finish Material Lens	Powder coated

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Smart LED High Bay Light

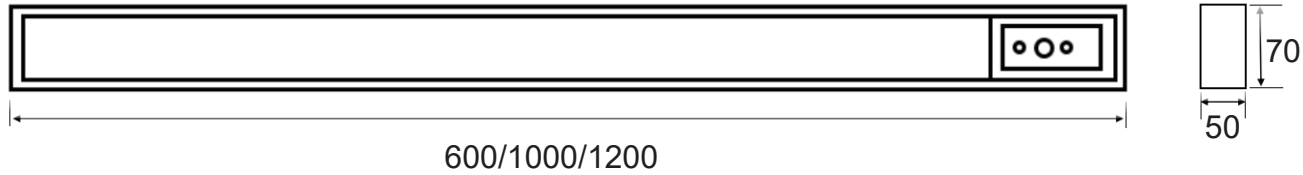
Light Distribution Curve



Average Beam Angle(50%): 70 Deg

Drawing

Unit:mm



Drawing

Model Number	Luminaire Net Weight	Packing Info	Dimension(outer carton) (mm)	GW(Outer carton)
L060	0.99kg	18pcs/Carton	712*470*330	19KG
L100	1.65kg	12pcs/Carton	1112*470*225	21KG
L120	1.78kg	9pcs/Carton	1312*240*340	17KG



Smart LED Linear Light 36W Up To 170LM/W



ZigBee Mesh Network Control



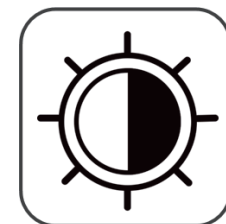
Motion Sensor



Remote Control



Zoning & Grouping



Daylight Sensor



On/Off Control

LED Panel lights are widely used indoor

Widely used in various indoor settings that require high-quality lighting due to their advantages such as high efficiency and energy savings, soft and uniform light, easy installation, and sleek and slim design. Examples include offices, meeting rooms, corridors/staircases, classrooms/libraries, hospitals, laboratories, cleanrooms, subway stations, and residential living rooms and studies.

Smart LED Panel Light

Features

- Daylight and Motion sensors embedded
- ZigBee mesh network smart controls
- Easy Grouping without Gateway via Smart Remote Control
- Automatic ON/OFF or Dimming Functions with smart sensing (Daylight, Motion) for maximum energy saving
- Color temperature option can be adjusted via DIP
- The MAX power is 36W, but can be adjusted to 30W, 25W through switch
- Efficiency up to 170 lm/W
- 50% less power consumption than traditional light sources
- Lowest maintain cost

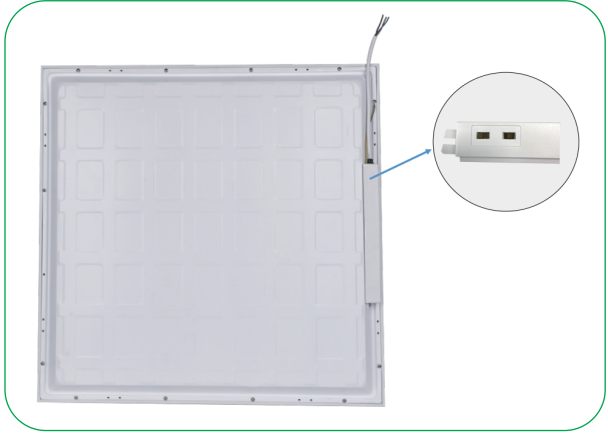
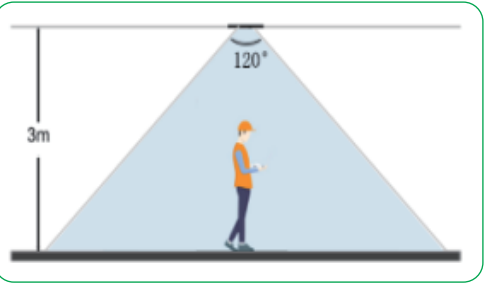
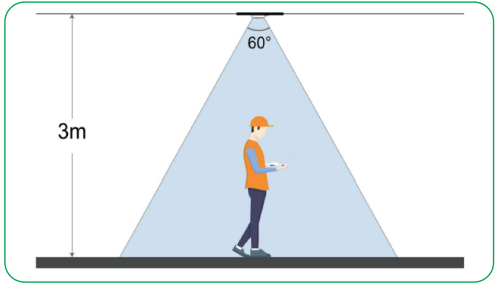
Smart Modules

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

Sensor Parameters (PD Version)

- Sensing Angle 60° or 120°
- Sensing Distance 3 m
- Light Sensing Range 0~8000 Lux(Constant Daylight) or 0~2000Lux (Infrared Daylight)
- Remote Control Distance 10 m

Sensor Angle



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Smart LED Panel Light

Product Data

●Light efficiency	Up to 170lm/W
●CCT/CRI	3000K~5000K/ 4000K~6000K, > 80
●LED Lifespan	> 50000h
●Power Supply	BOKE, Non-Isolated, 50/60Hz, THD < 10%
●Driver efficiency/Power Factor	91% / > 0.95
●Warranty	5 Years Warranty
●Certificate	CE, RoHS
●Input voltage	200~240 Vac

Product Data

●Beam Angle	110°
●Surge Protection	2KV
●Ingress protection code	IP20
●Operating Temperature	-20°C to +40°C

Controls and Dimming

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

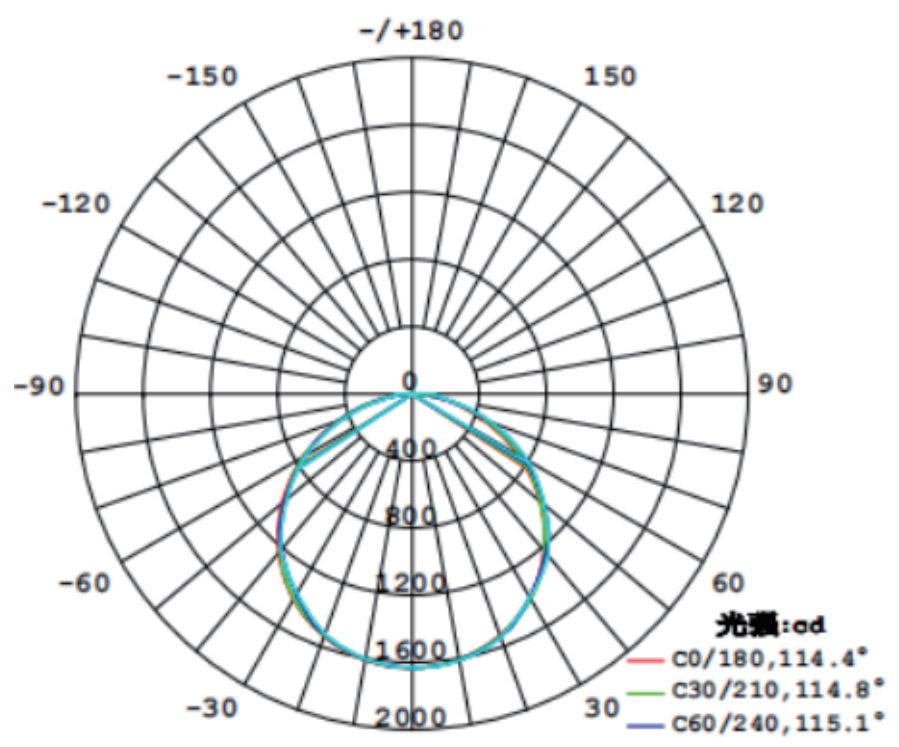
Mechanical

●Structure Material	Aluminum frame + cold rolled plate
●Material Glass	PS
●Fixture Color	Matte white
●Finish Material Lens	Powder coated

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Smart LED Panel Light

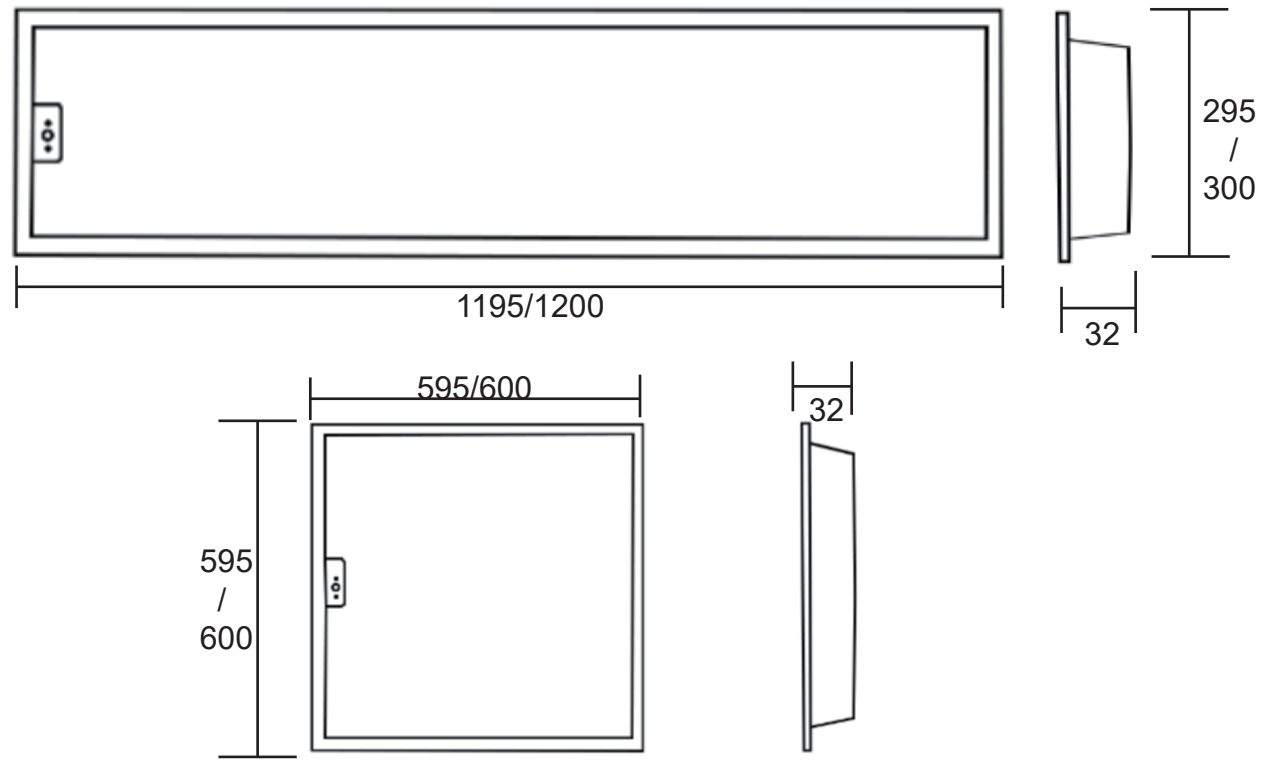
Light Distribution Curve



Average Beam Angle(50%): 110 Deg

Drawing

Unit:mm



Drawing

Size(mm)	Luminaire Net Weight(kg)	Packing Info	Dimension(outer carton) (mm)	GW(Outer carton)
595X595 or 600X600	1.70kg	6pcs/Carton	646x298x706	12.6KG
295X1195 or 300X1200	1.92kg	6pcs/Carton	1240x313x355	13.8KG