



CATALOGUE

2020

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GTL LIGHTING(SHEN ZHEN)CO.,LTD.

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ABOUT US



GTL Lighting (ShenZhen) Co., Ltd. is a comprehensive enterprise specialized in R&D, production and sales of LED industrial lighting products.

With a comprehensive modern enterprise management system, we have gathered a group of professionals and experienced LED R&D,developers, sales and service teams. The company adheres to the advanced planning and design concept, and provides the LED application overall solution for the majority of customers with

high-quality products and high-class services.

With a firm concentration of green technology, GTL Lighting focuses on the research of cutting-edge technologies with the most promising market prospects in the application of LED industry. In cooperation with many domestic universities, it has mastered the core technologies of LED application , such as light source structure, photoelectric display, heat dissipation structure, data communication, video processing and automatic control,etc.

Based in Shenzhen, relying on its own production base, GTL LIGHTING enjoys a nationwide and global outlook, and operates with the concept of integrity, professionalism and pragmatism, hoping to achieve a win-win situation for customers, shareholders, employees and the society.

Advantage:

High-quality teamwork

Fast and effective communication

The most professional solutions

Professional design services

Efficient market analysis

Reliable performance

Product

★AREA LIGHT SERIES



AREA 350W-600W
P01-02



AREA 75W-240W
P03-06

★STREET LIGHT SERIES



STL 28W-180W
P07-08

★INDUSTRIAL LIGHTING SERIES



EHBL 100W-200W
P09-16



FHBL 100W-200W
P17-22



AHBL 100W-200W
P23-24



HBL 60W-240W
P25-26



CHBL 100W-150W
P27-28



SHBL 100W-150W
P29-30



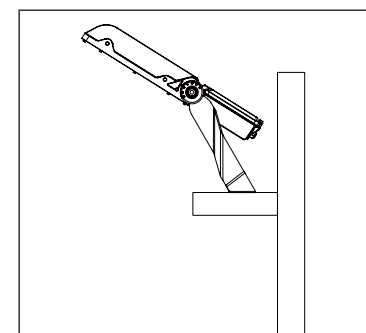
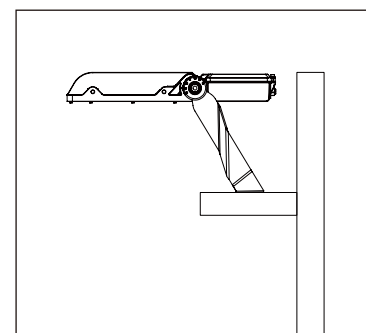
HBL 100W-240W
(American Standard)
P31-32



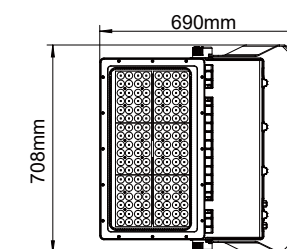
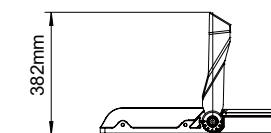
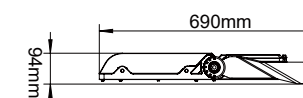
EHBL 100W-200W
(American Standard)
P33-34



AREA350W~600W



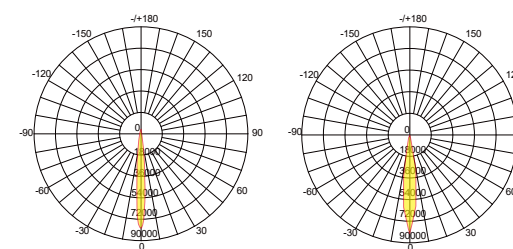
RAL9005



- Various optical designs to fit different applications.
- Anti-glare from light source to overall lamp specially for sports area.
- Meets 3G vibration standards and vibration frequency of 100,000 times
- Special pcb design, temperature monitoring and hollow out design ensure high and efficient heat dissipation.
- High salt spray resistance and anti-ultraviolet procession meet the needs of special places such as seaside, dock, iron tower, stadium and high pole.

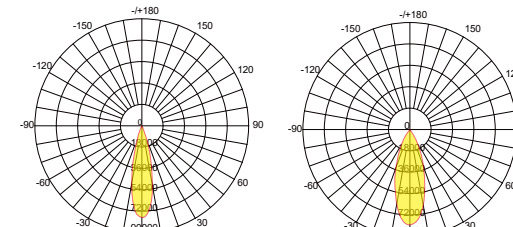
Product Specification

Product Code		AREA350W	AREA500W	AREA600W
Power		350W	500W	600W
Input Voltage		90-305VAC/200-480VAC		
Input Current		1.59A@220VAC	2.27A@220VAC	2.73A@220VAC
PF		>0.90@220VAC		
Dimming (Optional)		3 in 1 dimming (PWM, 0-10V, Resistor)- Dali		
CCT		2700K-6500K		
R80	Luminous Flux	35000-52500Lm±10%	50000-75000Lm±10%	60000-90000 Lm±10%
R70	Efficiency	100-150Lm/W±10%		
LED Brand		Nichia , Cree		
Light type		10° , 15° , 24° , 36° , ANB , AWB		
Operation Temp.		-40 C ~ +55 C		
Storage Temp.		-40 C ~ +85 C		
Life Span		45 C L70>100000Hours(LED)		
IP Class		IP66		
IK Class		IK08		
Certificate		ETL,CE, CB, C-TICK,ROHS		
Lamp Body Color		Black (RAL9005)		
Product Size (mm)		690*708*94		
Net weight (kg) ±0.3		22.1	23	23.5
Packing Size (mm)		800*800*150		
Gross weight (kg) ±0.3		24.7	25.6	26.1
Installation mode		Bracket Mount		



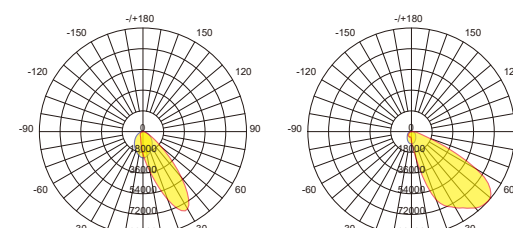
10°

15°



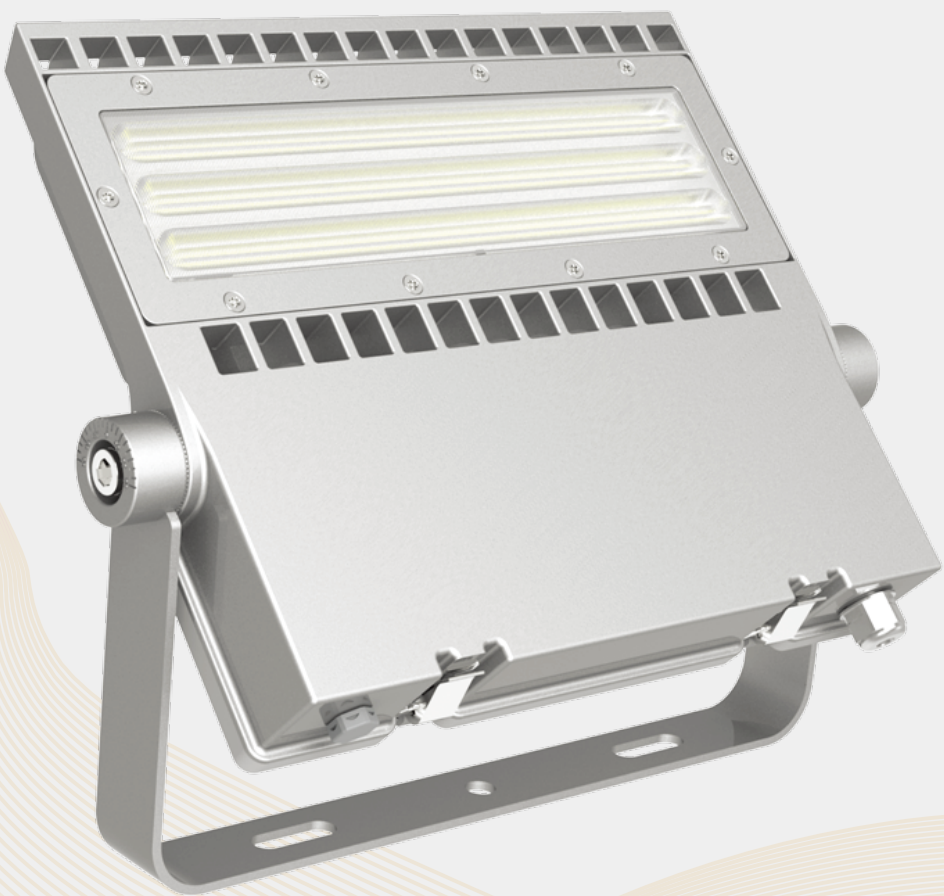
24°

36°

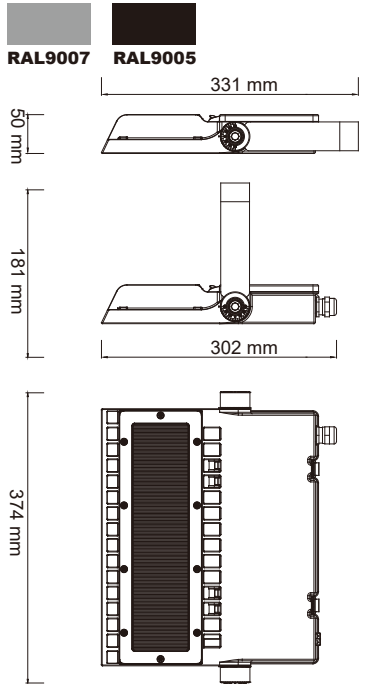
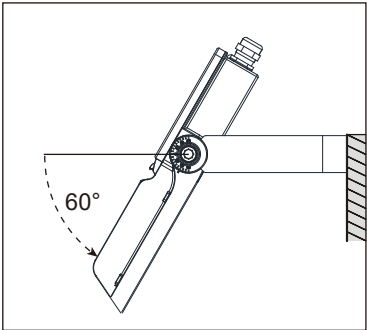
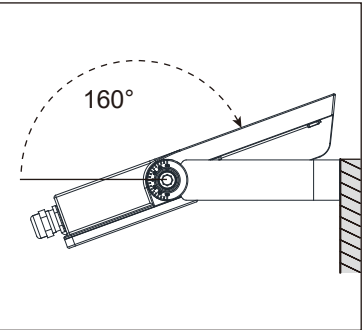
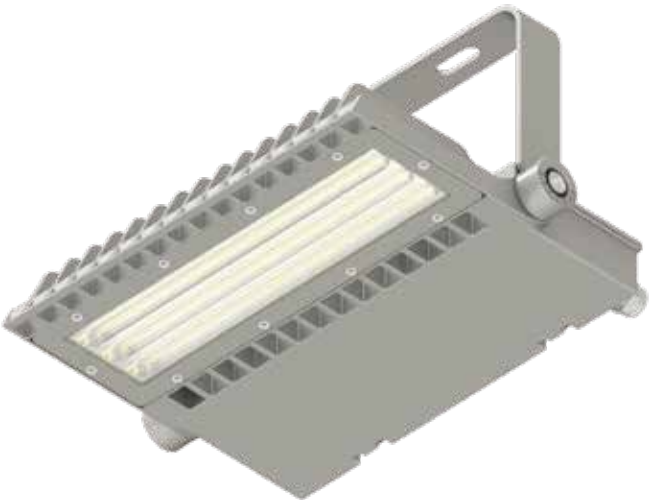


ANB

AWB



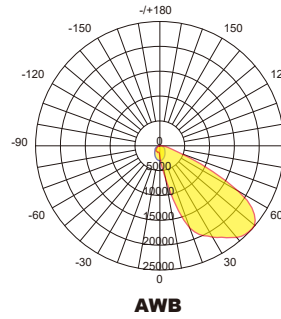
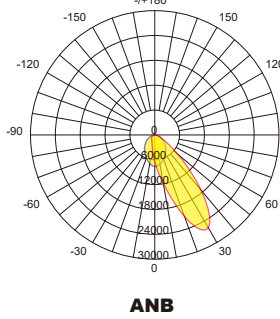
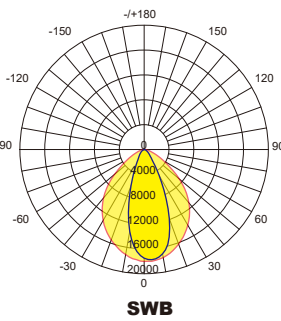
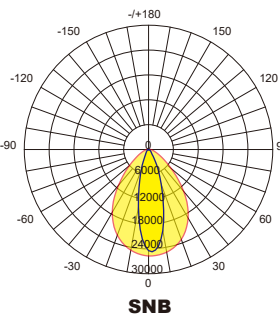
AREA075W~150W



- Unique three-dimension strip lens, regulates beam angle and avoids lighting waste.
- The one-piece hollowed-out module design, increases air ventilation and heat dissipation.
- Toggle clips for driver box, convinient for maintainance.
- Gear rotary bracket supports 5 degrees adjustment.
- Convinient driver cable connecting system supports additional smart controlling modules.

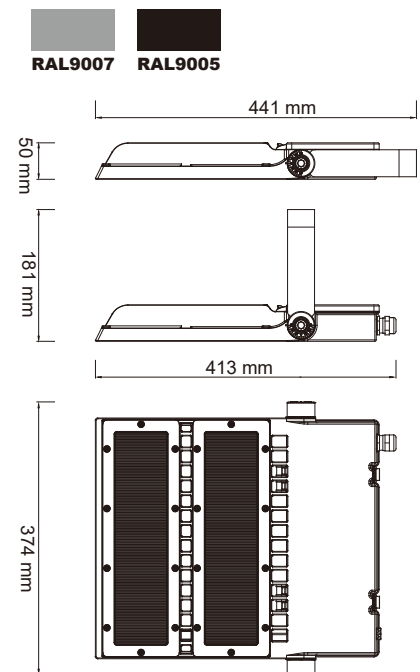
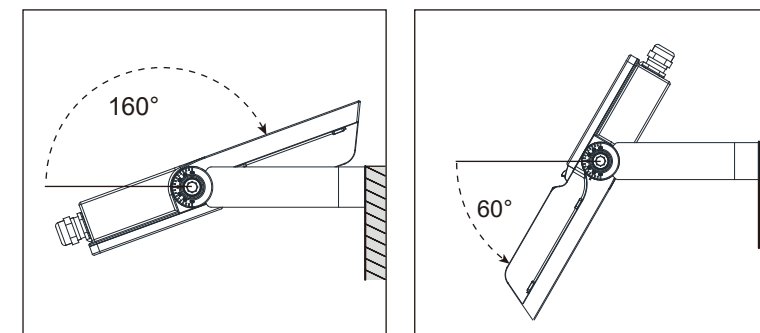
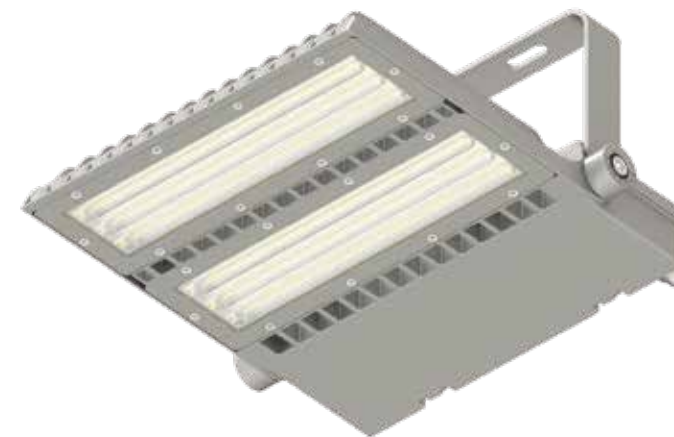
Product Specification

Product Code	AREA075W	AREA100W	AREA150W
Power	75W	100W	150W
Input Voltage	90-305VAC		
Input Current	0.34A@220VAC	0.45A@220VAC	0.68A@220VAC
PF	>0.90@220VAC		
DC output voltage	48V		
DC output current	1.4A	1.9A	2.9A
Dimming (Optional)	3 in 1 dimming (PWM, 0-10V, Resistor)、Dali		
CCT	4000K、5000K、5700K、3000K		
Ra >80,5000K	Luminous Flux	9750 Lm±10%	13000 Lm±10%
	Efficiency	130Lm/W±10%	19500 Lm±10%
Ra >70,5000K	Luminous Flux	10500 Lm±10%	14000 Lm±10%
	Efficiency	140Lm/W±10%	21000Lm±10%
LED Brand	Nichia 3030		
Light type	Asymmetric and symmetric light		
Operation Temp.	-40 C ~ +45 C		
Storage Temp.	-40 C ~ +85 C		
Life Span	45 C 50000Hours		
IP Class	IP66		
IK Class	IK10		
Certificate	ETL,CE, CB, C-TICK,ROHS		
Lamp Body Color	Gray (default with RAL9007). Black (optional for RAL9005)		
Product Size (mm)	331*374*50		
Net weight (kg) ±0.1	4.58	4.63	4.76
Packing Size (mm)	430*370*76		
Gross weight (kg) ±0.1	4.98	5.03	5.16
Total Size (mm) (2pcs)	445*328*390		
Total weight (2pcs) ±0.2	20.68	20.88	21.4
Installation mode	Bracket Mount		





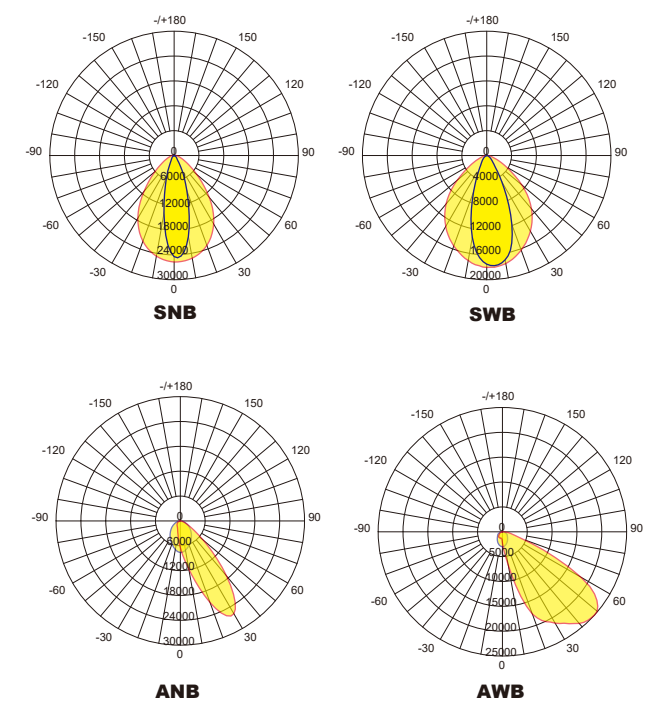
AREA200W/240W

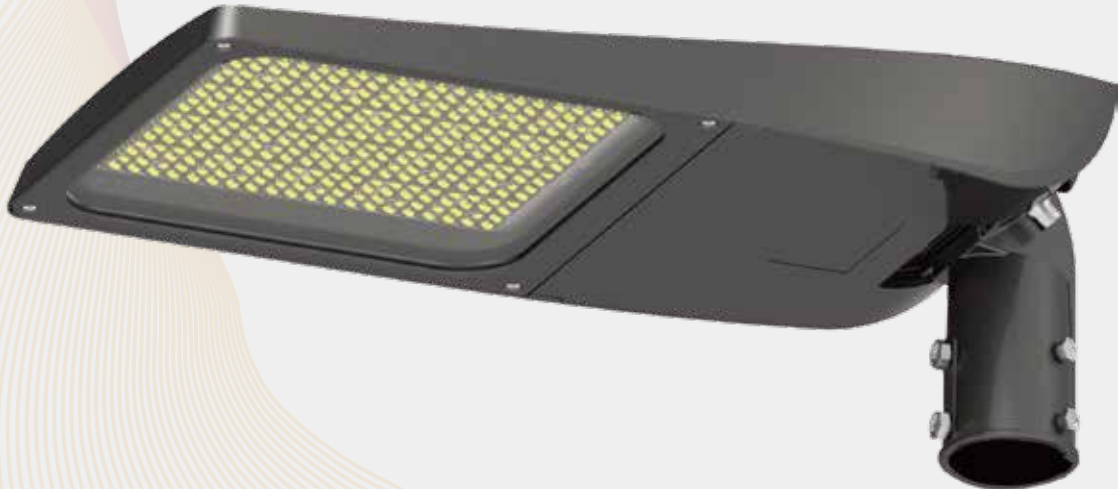


- Unique three-dimension strip lens, regulates beam angle and avoids lighting waste.
- The one-piece hollowed-out module design, increases air ventilation and heat dissipation.
- Toggle clips for driver box, convinient for maintainance.
- Gear rotary bracket supports 5 degrees adjustment.
- Convinient driver cable connecting system supports additional smart controlling modules.

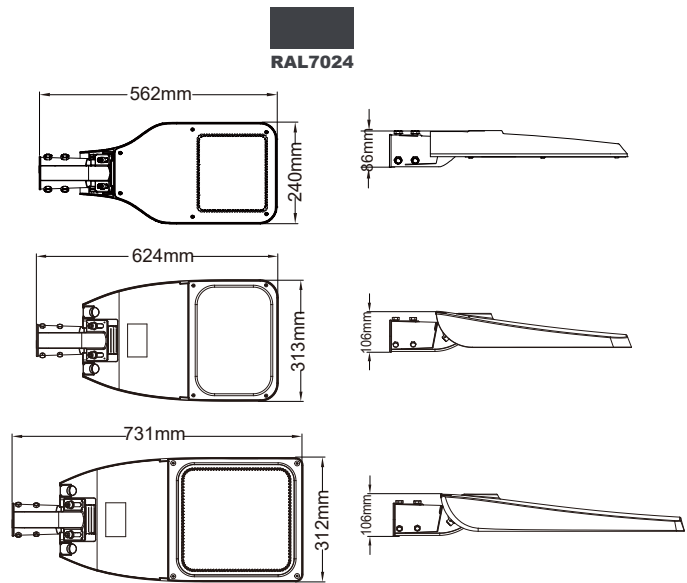
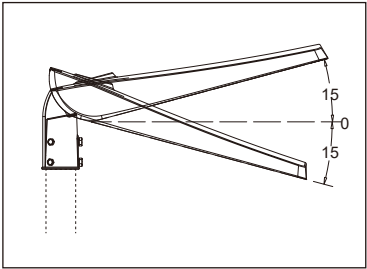
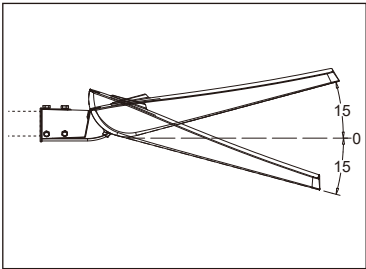
Product Specification

Product Code		AREA200W	AREA240W
Power		200W	240W
Input Voltage		90-305VAC	
Input Current		0.91A@220VAC	1.10A@220VAC
PF		>0.90@220VAC	
DC output voltage		48V	
DC output current		3.9A	4.65A
Dimming (Optional)		3 in 1 dimming (PWM, 0-10V, Resistor)- Dali	
CCT		4000K、5000K、5700K、3000K	
Ra >80,5000K	Luminous Flux	26000 Lm±10%	31200 Lm±10%
	Efficiency	130Lm/W±10%	
Ra >70,5000K	Luminous Flux	28000 Lm±10%	33600Lm±10%
	Efficiency	140Lm/W±10%	
LED Brand		Nichia 3030	
Light type		Asymmetric and symmetric light	
Operation Temp.		-40 C ~ +45 C	
Storage Temp.		-40 C ~ +85 C	
Life Span		45 C 50000Hours	
IP Class		IP66	
IK Class		IK10	
Certificate		ETL,CE, CB, C-TICK,ROHS	
Lamp Body Color		Gray (default with RAL9007)、Black (optional for RAL9005)	
Product Size (mm)		441*374*50	
Net weight (kg) ±0.1		6.37	
Packing Size (mm)		500*415*76	
Gross weight (kg) ±0.1		6.84	
Total Size (mm) (2pcs)		520*170*440	
Total weight (2pcs)±0.2		14.43	
Installation mode		Bracket Mount	





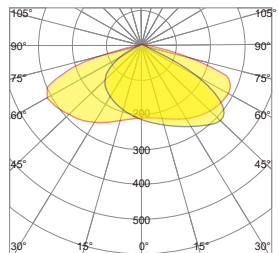
STL028W~180W



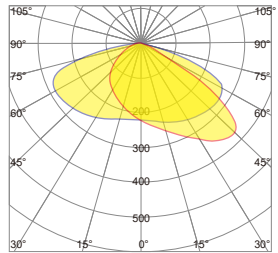
- This product meets the requirements of CB,CE,IK08,IP66.
- Self-cleaning design to prevent accumulation of dirt.
- The product has a power cut-off protector, which automatically cuts off the power when opening the housing.
- Equipped with large displacement breathing valve, so to balance the pressure inside and outside of luminary.
- The 10KV/20KV surge protector is optional to provide protection for the power supply.
- Nb-IoT and Photocell are available to meet the needs of smart cities.

Product Specification

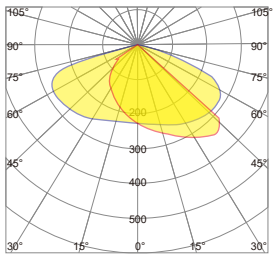
Product Code		STL-028/038/045/055/065W	STL-75/90/105/120W	STL-130/150/160/180W
Power		28/38/45/55/65W	75/90/105/120W	130/150/160/180W
Input Voltage		198~264Vac 50/60Hz		
Input Current		0.13/0.27A	0.41A	0.55/0.69/0.82A
PF		>0.95		
Control		Photo cell, Zigbee ,NB-IoT		
Dimming		ON/OFF、DALI(75-150W) 、0-10V		
CCT		3000K/4000K/5000K/5700K		
Ra >80 5000K	Luminous Flux	3920/5320/6300/ 7700/9100lm±10%	10500/12600/ 14700/16800lm±10%	18900/21000/ 22400/25200lm±10%
	Efficiency		140Lm/W±10%	
LED Brand		LUMILEDS, CREE		
Beam Angle		ME1~ME2 ME3~ME5 ME3~SE		
Operation Temp.		-40℃~-50℃		
Storage Temp.		-40℃~+85℃		
Life Span		50000Hrs@L70		
IP Class		IP66		
IK Class		IK08		
Certificate		CE CB		
Lamp Body Color		RAL7024		
Product Size (mm)		562*240*86	624*313*106	731*312*106
Net weight (kg) ±0.3		4.3	6.0	7.8
Packing Size (mm)		631*318*169	700*390*190	800*390*190
Gross weight (kg)±0.3		5.5	7.2	9
Installation mode		Rod installed		



ME3-ME5



ME1-ME2

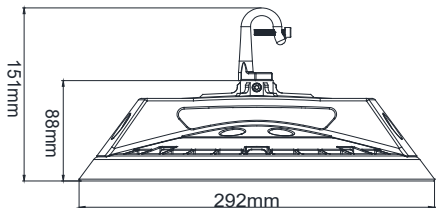
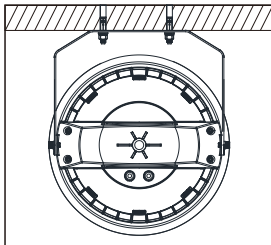
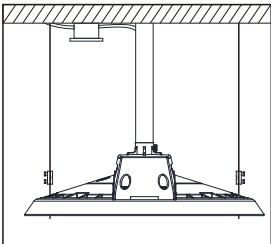
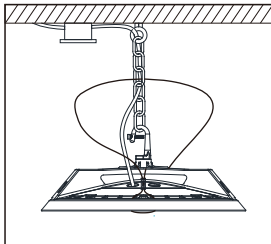


ME3-SE



EHBL100W

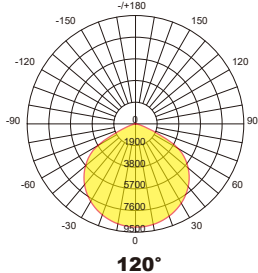
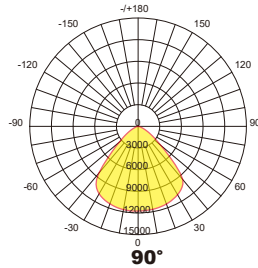
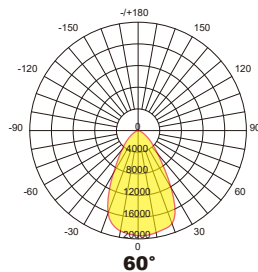
RAL9005



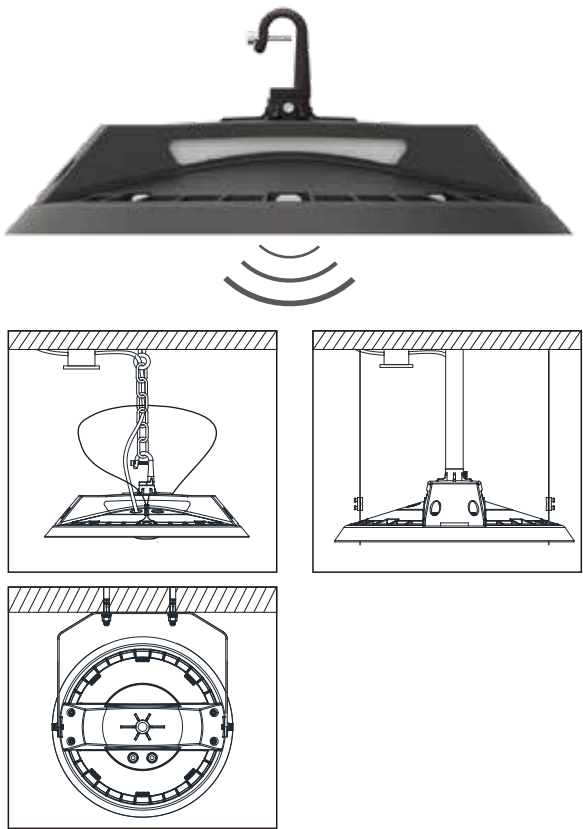
- Newly design with motion sensor integrated in the middle of luminaire, simplify the cable displaying and reduce overall cost.
- Answer to IOT tendency, saving energy intelligently.
- Latest optics lens clip onto the structure, 0 screw in face.
- Patent water wave optics lens of transmission rate 95%.
- Dust-free new housing gives out heat much faster and improves heat-dissipation system.

Product Specification

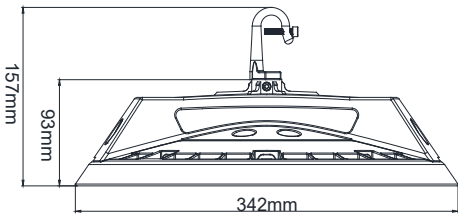
Product Code		EHBL100W
Power		100W
Input Voltage		90-305VAC
Input Current		0.45A
PF		>0.90
Dimming(Optional)		PWM, 0-10V, Resistor, Dali
CCT		4000K、 5000K、 5700K、 3000K
Ra >80 5000K	Luminous Flux	13500Lm±6%、 17500Lm/W±6%
	Efficiency	135Lm/W±6%、 175Lm/W±6%
Ra >70 5000K	Luminous Flux	14500Lm±6%、 19000Lm/W±6%
	Efficiency	145Lm/W±6%、 190Lm/W±6%
LED Brand		LUMILEDS / CREE
Beam Angle		60°/90°/120°
Operation Temp.		-40 C ~ +45 C
Storage Temp.		-40 C ~ +85 C
Life Span		45 C 50000Hours
IP Class		IP65
IK Class		IK10
Certificate		ETL,CE,C-TICK,PSE,ROHS
Lamp Body Color		Black (RAL9005)
Product Size (mm)		292*292*151
Net weight (kg) ±0.1		2.78
Packing Size (mm)		334*145*340
Gross weight (kg)±0.1		3.43
Installation mode		Hook \Pole \Bracket Mount



EHBL150W



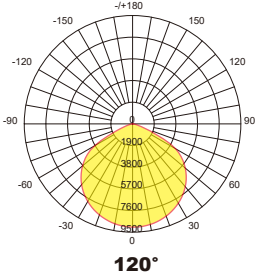
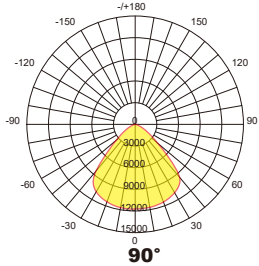
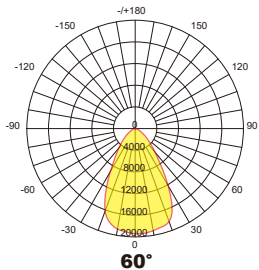
RAL9005



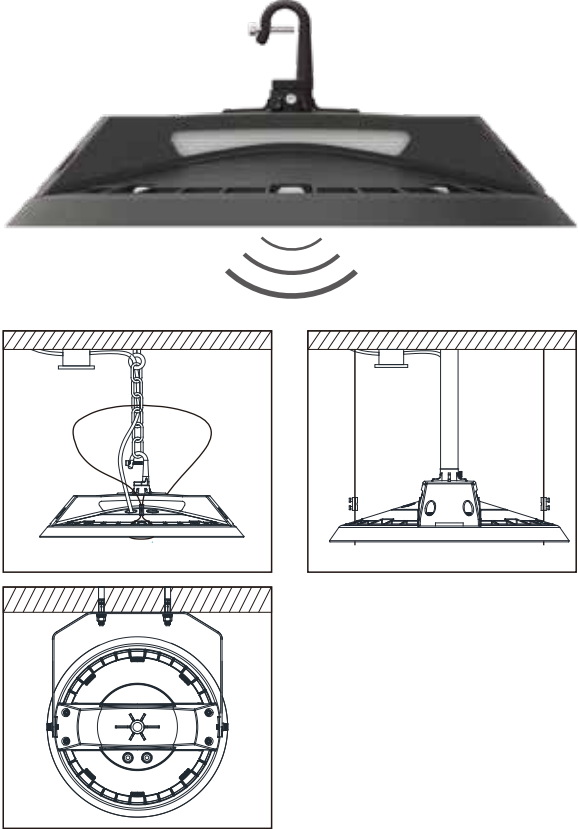
- Newly design with motion sensor integrated in the middle of luminaire, simplify the cable displaying and reduce overall cost.
- Answer to IOT tendency, saving energy intelligently.
- Latest optics lens clip onto the structure, 0 screw in face.
- Patent water wave optics lens of transmission rate 95%.
- Dust-free new housing gives out heat much faster and improves heat-dissipation system.

Product Specification

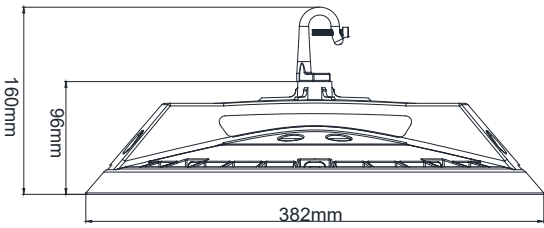
Product Code		EHBL150W
Power		150W
Input Voltage		90-305VAC
Input Current		0.68A
PF		>0.90
Dimming(Optional)		PWM, 0-10V, Resistor, Dali,Microwave
CCT		4000K、 5000K、 5700K、 3000K
Ra >80 5000K	Luminous Flux	20250Lm±6%、 26250Lm/W±6%
	Efficiency	135Lm/W±6%、 175Lm/W±6%
Ra >70 5000K	Luminous Flux	21750Lm±6%、 28500Lm/W±6%
	Efficiency	145Lm/W±6%、 190Lm/W±6%
LED Brand		LUMILEDS / CREE
Beam Angle		60°/90°/120°
Operation Temp.		-40 C ~ +45 C
Storage Temp.		-40 C ~ +85 C
Life Span		45 C 50000Hours
IP Class		IP65
IK Class		IK10
Certificate		ETL,CE,C-TICK,PSE,ROHS
Lamp Body Color		Black (RAL9005)
Product Size (mm)		342*342*157
Net weight (kg) ±0.1		3.35
Packing Size (mm)		384*150*390
Gross weight (kg)±0.1		4.09
Installation mode		Hook \Pole \Bracket Mount



EHBL200W



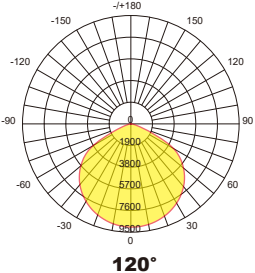
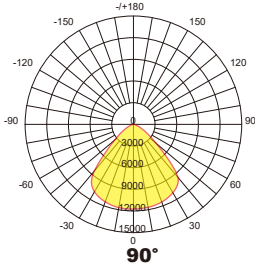
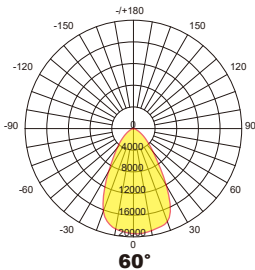
RAL9005



- Newly design with motion sensor integrated in the middle of luminaire, simplify the cable displaying and reduce overall cost.
- Answer to IOT tendency, saving energy intelligently.
- Latest optics lens clip onto the structure, 0 screw in face.
- Patent water wave optics lens of transmission rate 95%.
- Dust-free new housing gives out heat much faster and improves heat-disspation system.

Product Specification

Product Code		EHBL200W
Power		200W
Input Voltage		90-305VAC
Input Current		0.91A
PF		>0.90
Dimming(Optional)		PWM, 0-10V, Resistor, Dali,Microwave
CCT		4000K、 5000K、 5700K、 3000K
Ra >80 5000K	Luminous Flux	27000Lm±6%、 35000Lm/W±6%
	Efficiency	135Lm/W±6%、 175Lm/W±6%
Ra >70 5000K	Luminous Flux	29000Lm±6%、 38000Lm/W±6%
	Efficiency	145Lm/W±6%、 190Lm/W±6%
LED Brand		LUMILEDS / CREE
Beam Angle		60°/90°/120°
Operation Temp.		-40 C ~ +45 C
Storage Temp.		-40 C ~ +85 C
Life Span		45 C 50000Hours
IP Class		IP65
IK Class		IK10
Certificate		ETL,CE,C-TICK,PSE,ROHS
Lamp Body Color		Black (RAL9005)
Product Size (mm)		382*382*160
Net weight (kg) ±0.1		4.02
Packing Size (mm)		424*150*430
Gross weight (kg)±0.1		4.9
Installation mode		Hook \Pole \Bracket Mount



EHBL150W EHBL200W

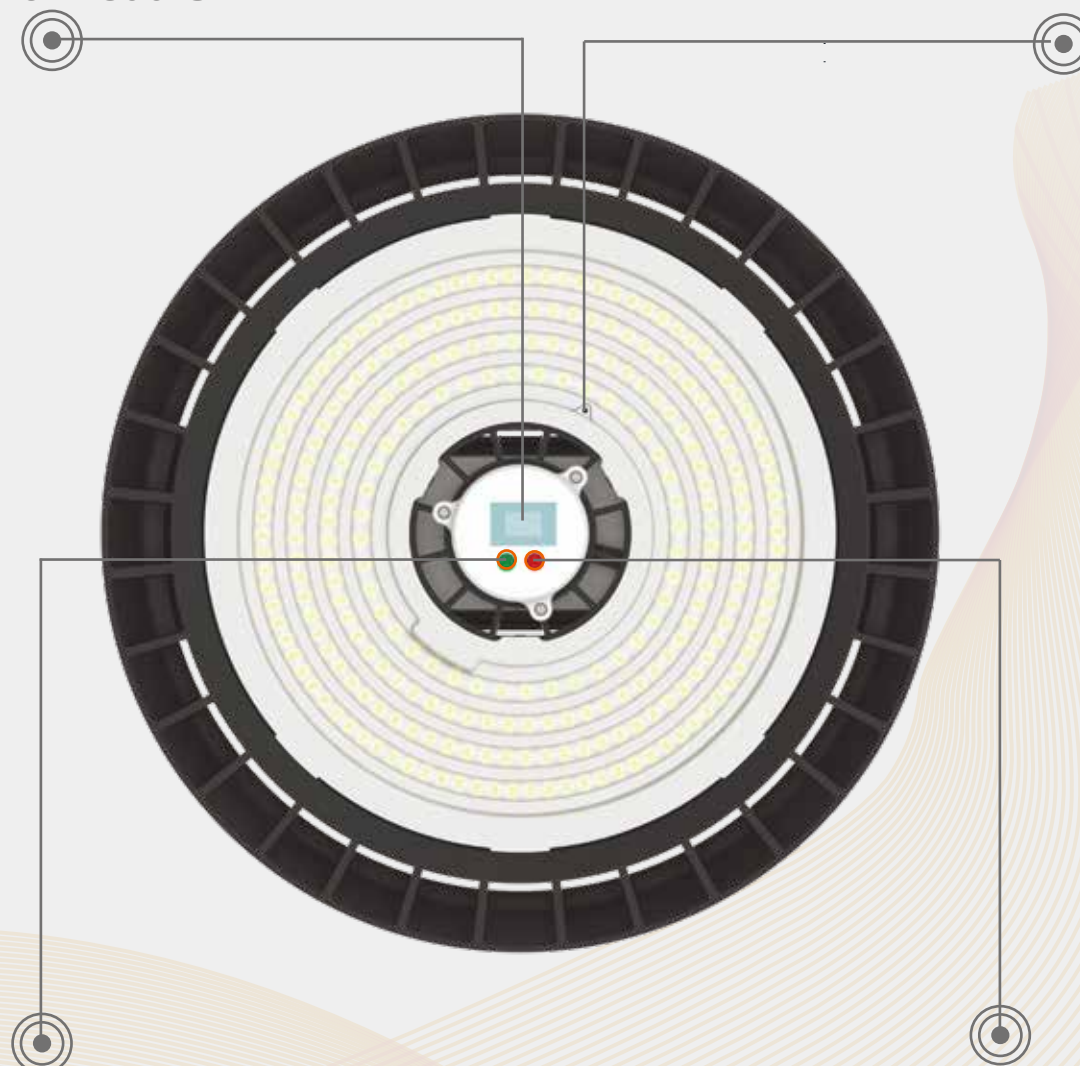


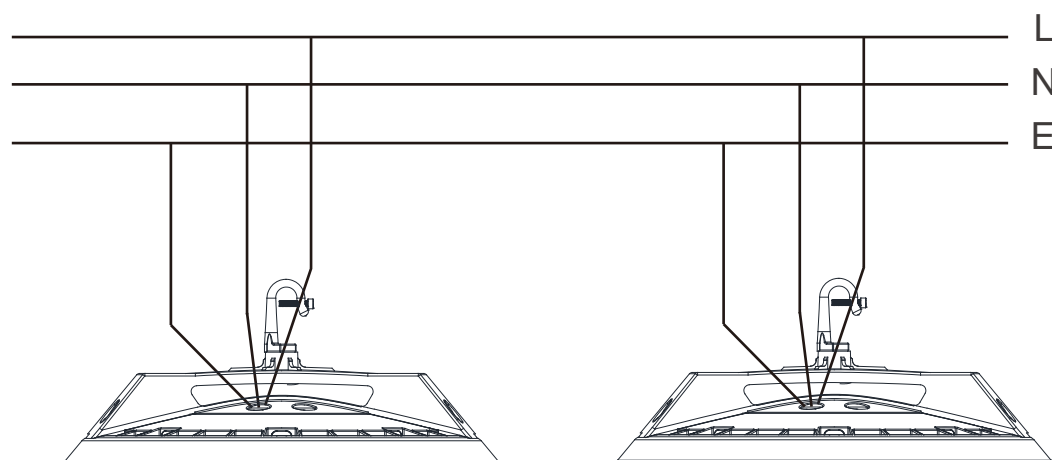
Antenna module

Air vent

Daylight threshold

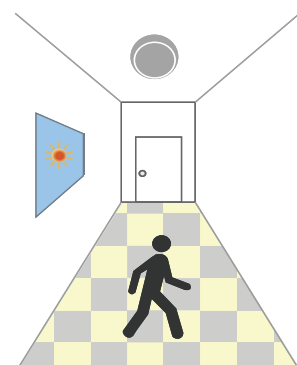
IR Receiver





Sensor driver build-in

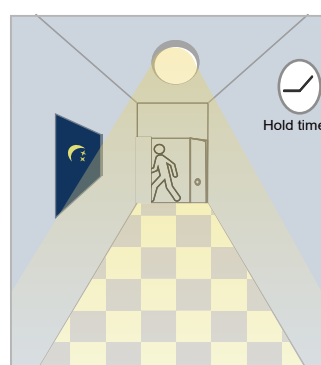
Function Demo - Dimmable control/Corridor function



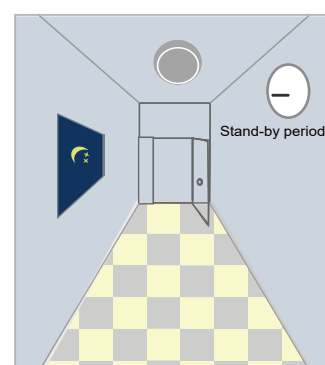
When motion detected, but sufficient daylight, light remains OFF.



When motion detected, insufficient daylight, light ON.

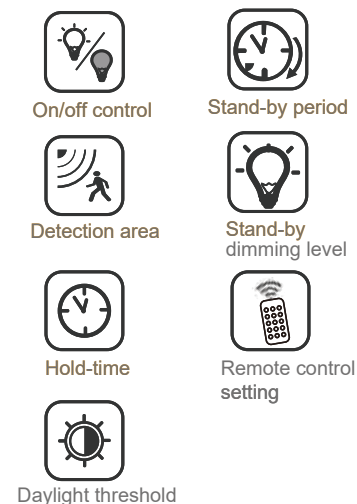


After last detection, the light will be dimmed down to the stand-by dimming level(10%/20%/30%/50%).



After the stand-by period, light OFF.

Operating voltage	12VDC
Operating current	30mA±5%
Output	PWM/0-10V
Standby power	≤ 0.5W
Detection area	25%/50%/75%/100%
Hold-time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/ Disable
Stand-by period	0S/10s/30s/1min/5min/10min/30min/+
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.15x12m(ceiling mounted) Max.20m(wall mounted)
Operating temperature	-20°C~50°C Tc:80°C
IP rating	IP20
Safety standard	56x33x12mm
Certificate	CE,LVD



Standard remote control

ON/OFF

Press the "ON/OFF" button, the light keeps permanently on or off.* Press "Auto Mode" , "RESET" or "Apply" buttons to quit from this mode.

Auto Mode

Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

Detection area

Press the button "detection range" to set detection range as 100% / 75% / 50% / 10%.

Hold-time

Press the button "hold-time" to set hold-time as 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min

Stand-by dimming level

Press the button "stand-by dimming level" to set the stand-by dimming level as 10% / 20% / 30% / 50%.

Stand-by period

Press the button "stand-by period" to set stand-by period as 0s / 10s / 30s / 1min / 5min / 10min / 30min / + ∞ .

Note: "0s" means no standby period; "+∞" means unlimited standby period.

Daylight threshold

Press the button "daylight sensor" to set daylight threshold as 2Lux / 10Lux / 30Lux / 50Lux / 80Lux / 120Lux / disable.

Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.

Reset

1、 Press "Reset" button, change brightness to max level.
2、 Press "RESET" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

+/ -

1、 To adjust brightness 10-100% in ON/OFF mode.
2、 To adjust highest brightness 60-100% in sensor mod.

"Start"

Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.

"Memory"

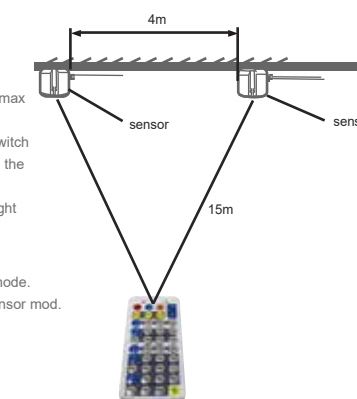
1、 Press "Memory" to save all the settings.
2、 No change settings are kept as before save.

"Apply"

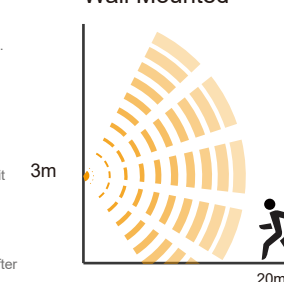
1、 Press "Apply" to deliver the saved values.
2、 Press "Apply" without memorizing all the settings will deliver only one-time operation; Settings should be done within 30S, otherwise it exists memory mode.

"Test (2s)"

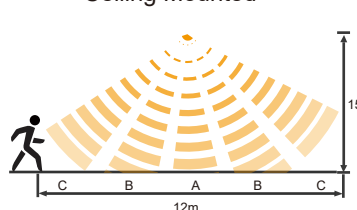
The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode(hold time is only 2s) automatically, stand-by period and daylight sensor are disabled.



Wall Mounted



Ceiling Mounted



Attention

- When using ON/OFF button, the rest setting buttons don't work.
- Press "Auto Mode" or "Reset" buttons before setting functions Detection Range, Hold time, Daylight sensor, Standby period and Standby dimming level.
- Press Start and Memory button to change and save settings in any mode.
- When using the remote control, light flickers to show instruction received.
- Every change will be automatically saved.



100W



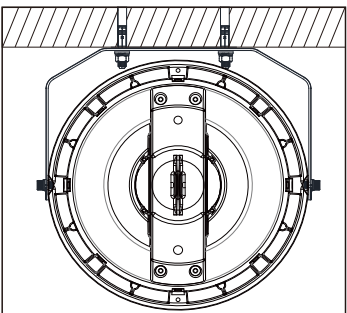
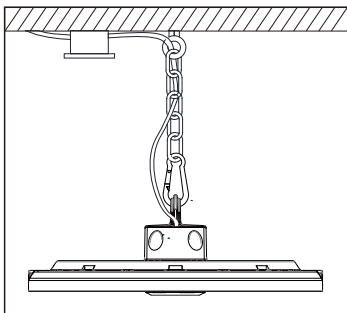
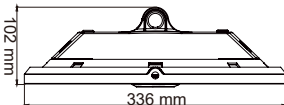
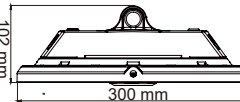
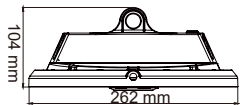
150W / 200W



FHBL 100W~200W



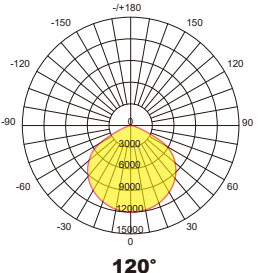
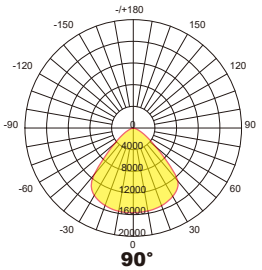
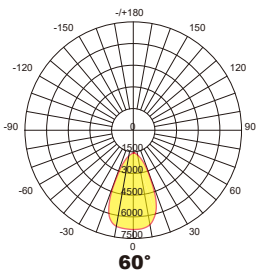
RAL9005



- Newly design with motion sensor and driver easily replaceable.
- Answer to IOT tendency, saving energy intelligently.
- Latest optics lens clip onto the structure, 0 screw in face.
- Patent water wave optics lens of transmission rate 95%.
- Dust-free new housing gives out heat much faster and improves heat-dissipation system.

Product Specification

Product Code		FHBL100W	FHBL150W	FHBL200W
Power		100W	150W	200W
Input Voltage		90-305VAC		
Input Current		0.45A	0.68A	0.91A
PF		>0.90/220VAC		
Dimming(Optional)		PWM, 1-10V, Resistor, Microwave		
CCT		4000K、5000K、5700K、3000K		
Normal Ra80	Luminous Flux	14000LM	21000LM	28000LM
	Efficiency	140LM/W±10%		
High Ra80	Luminous Flux	17000LM	25500LM	34000LM
	Efficiency	170LM/W±10%		
High Ra70	Luminous Flux	18500LM	27750LM	37000LM
	Efficiency	185LM/W±10%		
LED Brand		Bridgelux		
Beam Angle		60°/90°/120°		
Operation Temp.		-40℃ ~ +45℃		
Storage Temp.		-40℃ ~ +85℃		
Life Span		45℃ 50000Hours		
IP Class		IP65		
IK Class		IK08		
Certificat		ETL, CB, CE, PSE, SAA, ROHS2.0		
Lamp Body Color		Black (RAL9005)		
Product Size (mm)		262*262*104	300*300*102	336*336*102
Net weight (kg) ±0.1		2.4	3.1	3.6
Packing Size (mm)		340*324*145	360*340*145	415*390*150
Gross weight (kg)±0.1		3.2	3.8	4.5
Installation mode		Hook /Bracket Mount		

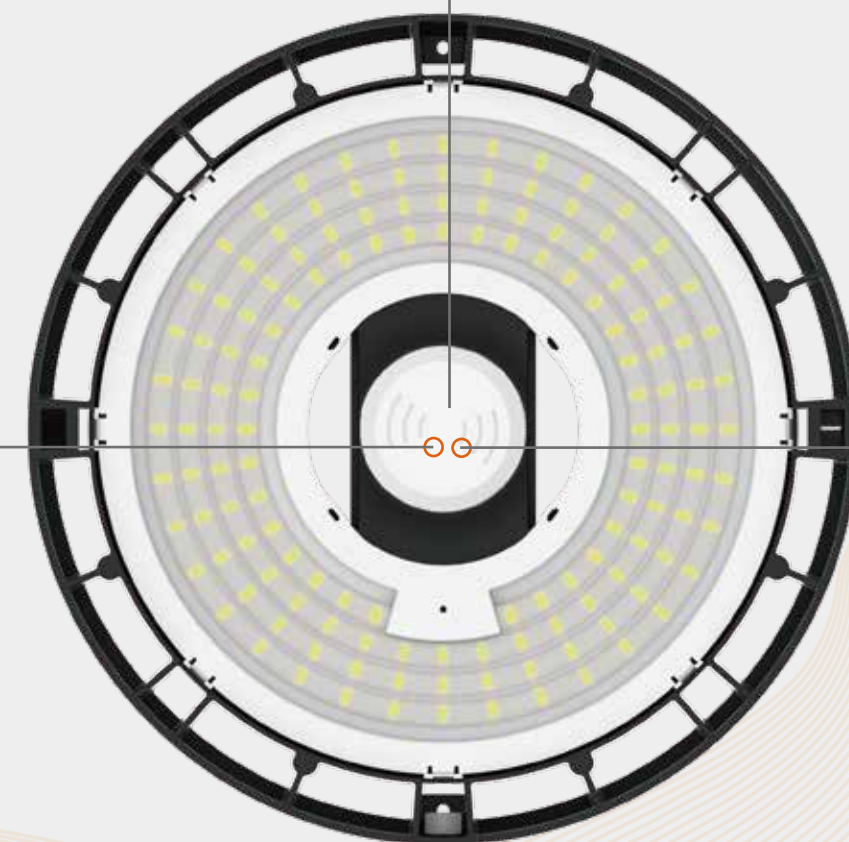




Screw on



Antenna module



Daylight threshold



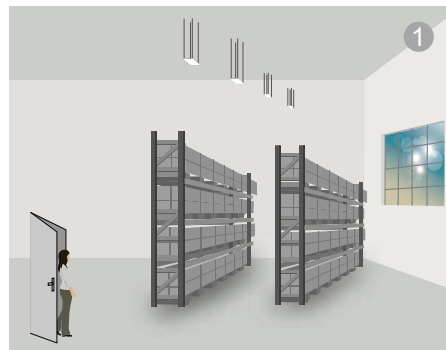
IR Receiver



A ULTRANIK ▶ HF motion detector

Daylight Harvest

The motion detector can turn on the light based on movement. With this detector built in, light is automatically on when needed and dimmed to preset level before it is totally off.



1 The light keeps off during daytime even when movement is detected. (Ambient lux level is above preset daylight threshold)



2 With movement and insuffien tantbient lux level, the light is triggered on 100% by the detector.

The sensor highbay turns on at full or dims to maintain the lux level. The light output regulates according to level of natural light available

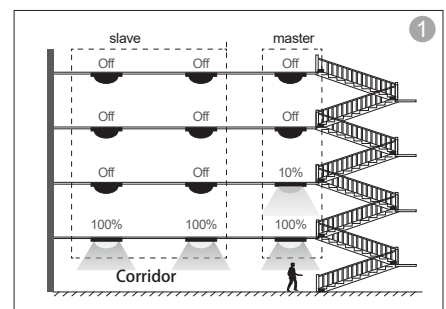


3 If there is no more movement, the light dims to stand-by dimming level after hold-time.

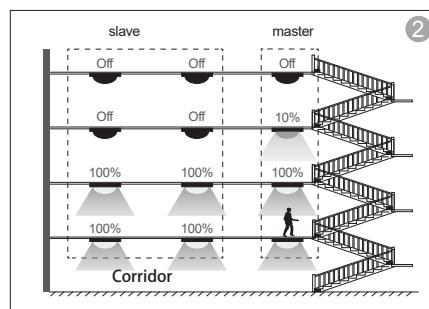


4 The light turns off automatically after stand-by time.

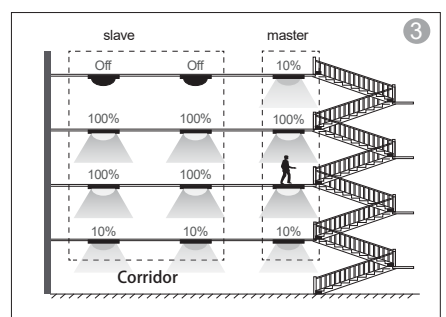
B For staircase and corridor (master and slave)



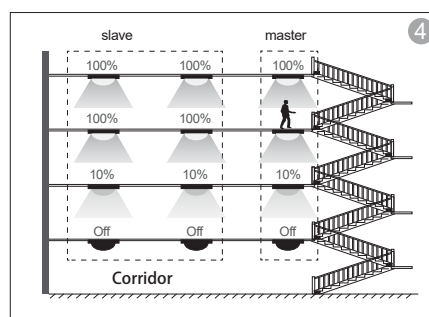
1 While the 1st sensor detects motion on the 1st floor, it switches the light on at 100% and sends signal to all slave units. All slaves on the 1st floor turn on and the sensor highbay on the 2nd floor switches on at stand-by level.



2 The person walks to the 2nd floor, the 2nd Sensor highbay switches the light on at 100%. All slaves on the 2nd floor turn the light on and the Sensor highbay on the 3rd floor switches on at stand-by level.



3 The person walks to the 3rd floor, the 3rd sensor highbay switches the light on 100%. All slaves on the 3rd floor turn the light on and the Sensor highbay on the 4th floor switches onat stand-by level. Meanwhile, the lights on the 1st floor are dimmed to stand-by level after hold-time.



4 The person walks to the 4th floor, the 4th sensor highbay switches the light on at 100%. All slaves on the 4th floor turn the light on Meanwhile, all sensors on the 1st floor turn the light off after stand-by period, and all lights on the 2nd floor dim to stand-by level after hold-time.

PRODUCT TYPE:	Microwave Motion Sensor
OPERATING VOLTAGE:	12VDC/50mA
HF SYSTEM:	5.8GHz CW radar
DETECTION ANGLE:	30° ~ 150°
POWER CONSUMPTION:	<1W
DETECTION RANGE (DxH):	Max. 16 x 12m
HOLD TIME:	30s ~ 30min.
DAYLIGHT SENSOR:	2 ~ 500Lux; disable
STAND-BY PERIOD:	0s, 10s ~ 1h, +∞
STAND-BY DIMMING LEVEL:	10% ~50%
MOUNTING:	Indoors, ceiling & wall mounted
WORKING TEMP.:	-20 ~ +60 °C
MODEL:	HN020-01V Microwave / constant illumination HN021-01V Microwave / constant illumination+ RF (868MHz) HN022-01V Microwave / constant illumination+ RF (UL 915MHz)



On/off control



Stand-by period



Detection area



Stand-by dimming level



Hold-time



Remote control setting



Daylight threshold



RF grouping via remote control

Settings(Remote Control HRC-11)

ON/OFF

Press button "ON/OFF" to select permanent ON or permanent OFF mode.* Press button "AUTO", "RESET" to quit this mode. The mode will change to AUTO Mode after power failure.

Auto Mode

Press button "AUTO" to initiate automatic mode. The sensor starts working and all settings remain as before the light is switched ON/OFF.

SEMI-AUTO mode

First press button "Shift" the SEMI-AUTO to initiate semi-auto mode. The fixture is manually on by push-switch and automatically off in this mode.

Reset Settings

Press button "RESET", all settings go back to default settings.

Shift Button

Press button "Shift", the LED on the top left corner is on to indicate mode selection. All values / settings in RED are valid for 20 seconds.

Power output

Press the buttons to select light output at 80% (at initial 10,000 hours) or 100%. Note: "Sensor off" and "Twilight" functions are disabled.

Brightness +/-

Press the buttons to adjust the light brightness during hold-time.

Hold-time

Press buttons in zone "hold-time" to set the hold-time at 2s / 30s / 1min / 5min / 10min / 15min / 20min / 30min. Note:1.To set hold-time at 30s / 5min / 15min 30min,press "Shift"button first.

2. 2s is for testing purpose only, stand-by period and daylight sensor settings are disabled in this mode. *To exit from Test mode, press button "RESET" or any button in "Hold-time".

Stand-by time (corridor function)

Press buttons in zone "stand-by time" to set the stand-by period at 0s / 10s / 1min / 5min / 10min / 30min / 1h / +∞.

Note:"0s" means on/off control; "+∞" means bi-level control, if daylight threshold is disabled or natural light is insufficient, the fixture is 100% on when there is motion detected, and remains at the stand-by dimming level after motion hold-time.

Stand-by dimming level

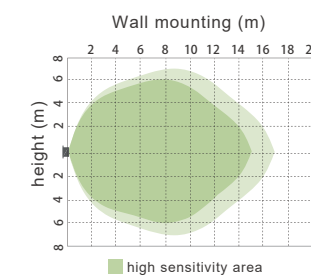
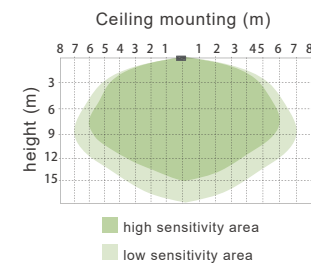
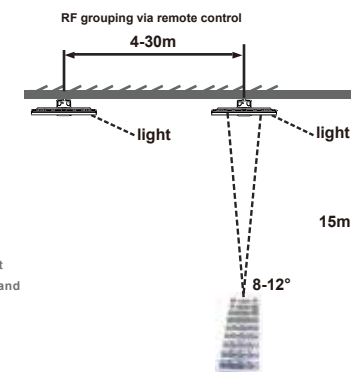
Press the button in zone "stand-by dimming level" to set the stand-by dimming level at 10% / 20% / 30% / 50%.

Auto-configuration function

All buttons in this zone are disabled.

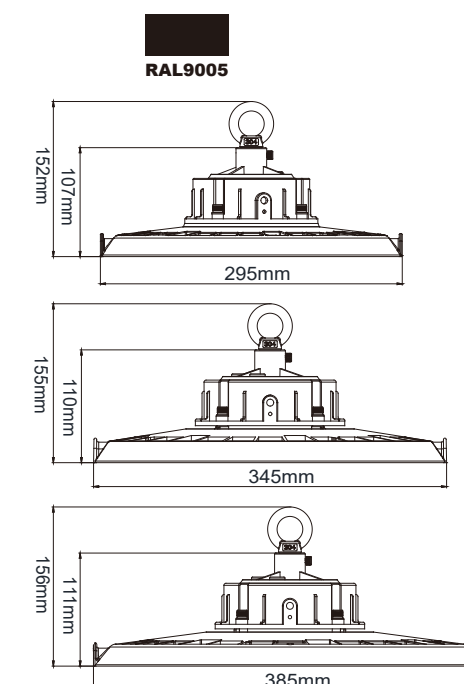
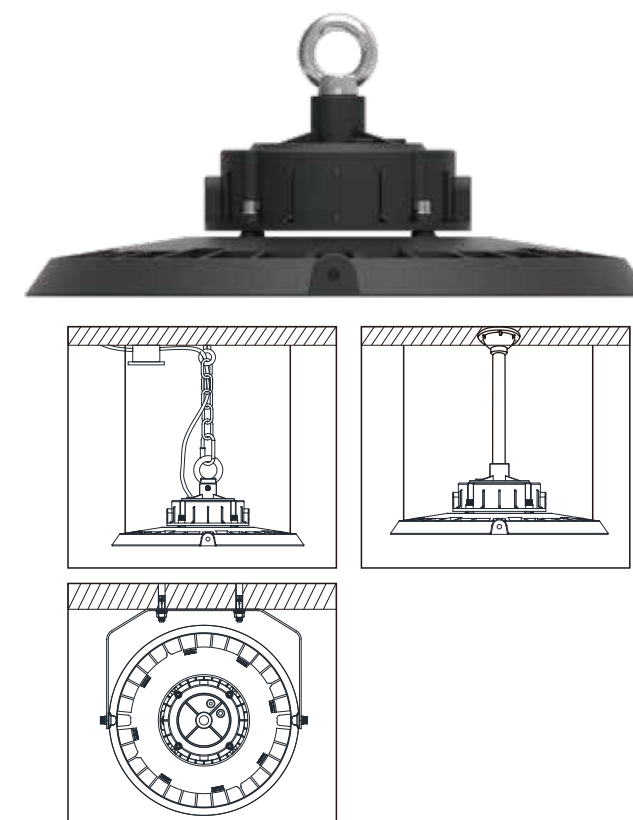
Dual tech & RF mode

Dual tech & RF mode "HF", "PIR", "HF+PIR", "HF/PIR" are disabled. For RF grouping via remote control.





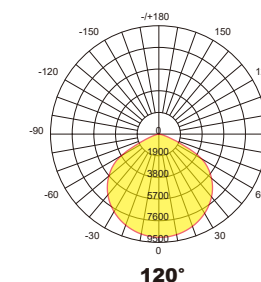
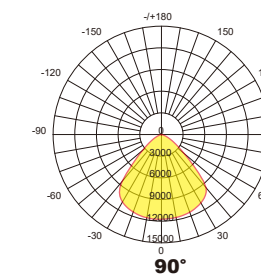
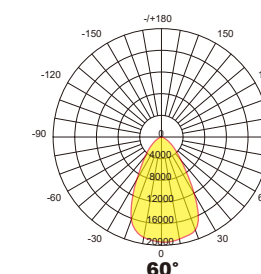
AHBL100W~200W



- Unique design with private tooling, fashion and modern.
- Latest optics lens clip onto the structure, 0 screw in front.
- Patent water wave optics lens of transmission rate 95%, most accurate light output.
- Dust-free new housing gives out heat much faster and improves heat-dissipation system.

Product Specification

Product Code		AHBL100W	AHBL150W	AHBL200W
Power		100W	150W	200W
Input Voltage		90-305VAC		
Input Current		0.45A@220VAC	0.68A@220VAC	0.91A@220VAC
PF		>0.90@220VAC		
Dimming(Optional)		0-10V、PWM		
CCT		4000K、5000K、5700K、3000K		
3030,Ra >80	Luminous Flux	15000Lm±10%	22500 Lm±10%	30000 Lm±10%
	Efficiency	150Lm/W±10%		
3030,Ra >70	Luminous Flux	16000Lm±10%	24000 Lm±10%	32000 Lm±10%
	Efficiency	160Lm/W±10%		
LED Brand		OSRAM / CREE / NICHIA		
Beam Angle		60°/90°/120°		
Operation Temp.		-40℃ ~ +45℃		
Storage Temp.		-40℃ ~ +85℃		
Life Span		45℃ 50000Hours		
IP Class		IP65		
IK Class		IK08		
Certificate		ETL,CE,C-TICK,ROHS,PSE		
Lamp Body Color		Black (RAL9005)		
Product Size (mm)		295*295*152	345*345*155	385*385*156
Net weight (kg) ±0.1		2.44	3.1	3.59
Packing Size (mm)		334*145*340	384*150*390	424*150*430
Gross weight (kg)±0.1		3	3.85	4.47
Installation mode		Hook /Pole /Bracket Mount		

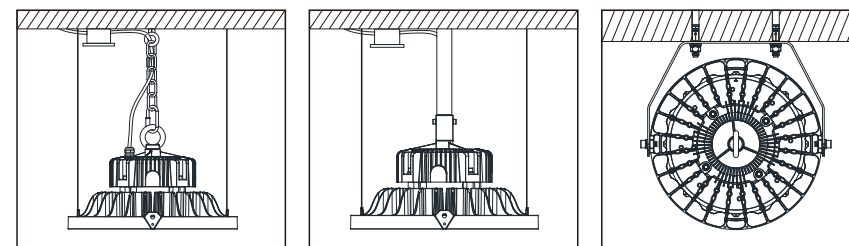




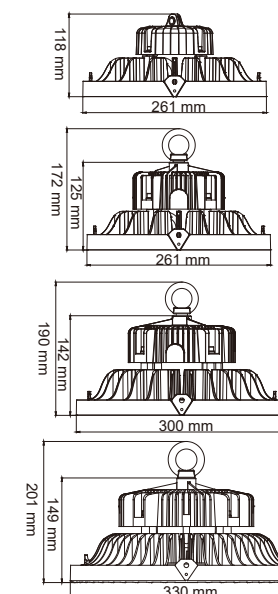
IP65

IK10

HBL060W~240W



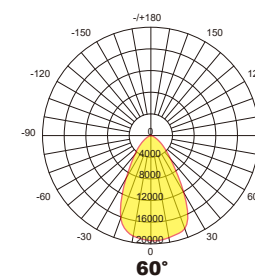
RAL9005 RAL9007 RAL9010



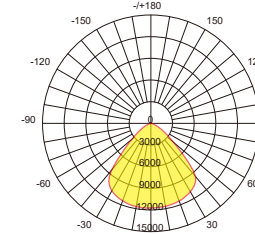
- Exceptional high quality lighting with maximum performance.
- Patent water wave optics lens of transmission rate 95%, gives most accurate light output.
- Corrosion resistant with 168hrs of salt spray testing.
- Iconic design for architectural appeal.
- Dali dimmers and motion sensors are optional.

Product Specification

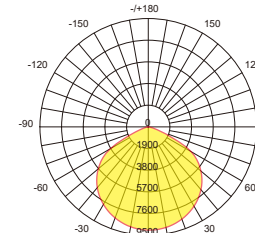
Product Code		HBL060W	HBL080W HBL100W	HBL120W HBL150W	HBL200W HBL240W
Power		60W	80W 100W	120W 150W	200W 240W
Input Voltage		90-305VAC			
Input Current		0.27A@220V AC	0.36A@220VAC 0.45A@220VAC	0.55A@220VAC 0.68A@220VAC	0.91A@220VAC 1.10A@220VAC
PF		>0.90@220VAC			
DC output voltage		54V	48V		
DC output current		1.05A	1.5A 1.9A	2.3A 2.9A	3.9A 4.65A
Dimming (Optional)		3 in 1 dimming (PWM, 0-10V, Resistor), Dali			
CCT		4000K、5000K、5700K、3000K			
Ra >80, 5000K	Luminous Flux	8400Lm±10%	11200 Lm±10% 14000 Lm±10%	16800 Lm±10% 21000 Lm±10%	28000 Lm±10% 33600 Lm±10%
	Efficiency	140Lm/W±10%			
Ra >70, 5000K	Luminous Flux	9000Lm±10%	12000 Lm±10% 15000 Lm±10%	18000 Lm±10% 22500Lm±10%	30000 Lm±10% 36000Lm±10%
	Efficiency	150Lm/W±10%			
LED Brand		Nichia 3030 and Lumileds 3030			
Beam Angle		60°、90°、120°			
Operation Temp		-40℃ ~ +45℃			
Storage Temp		-40℃ ~ +85℃			
Life Span		45℃ 50000Hours			
IP Class		IP65			
IK Class		IK10			
Certificate		ETL,CE,C-TICK,ROHS,PSE			
Lamp Body Color		Black (default with RAL9005), Gray (optional for RAL9007), White (optional for RAL9010)			
MOSO	Product Size (mm)	261*261*188	261*261*188	300*300*208	330*330*218
	Net weight (kg) ±0.1	2.89Kg	2.89Kg	3.87Kg	6.11Kg
	Packing Size (mm)	325*325*230	325*325*230	370*370*245	400*400*255
	Gross weight (kg)±0.1	3.65Kg	3.65Kg	4.79Kg	7.21Kg
MW	Product Size (mm)	261*261*118	261*261*172	300*300*190	330*330*201
	Net weight (kg) ±0.1	2.27Kg	2.95Kg	3.97Kg	6.11Kg
	Packing Size (mm)	325*325*230	325*325*230	370*370*245	400*400*255
	Gross weight	3.04Kg	3.7Kg	4.88Kg	7.21Kg
Installation mode		Hook /Pole /Bracket Mount			



60°



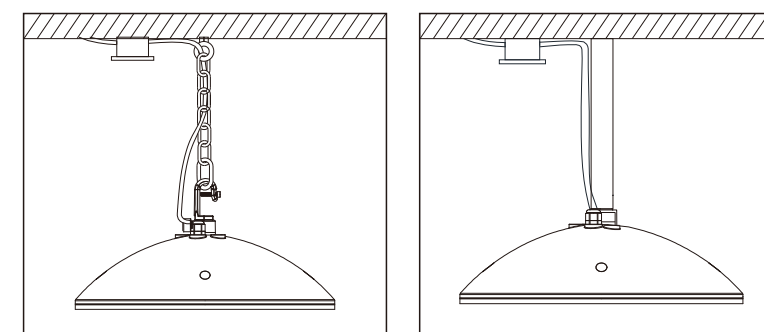
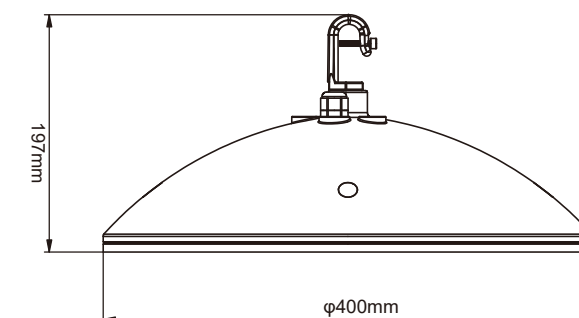
90°



120°



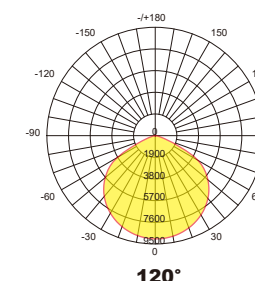
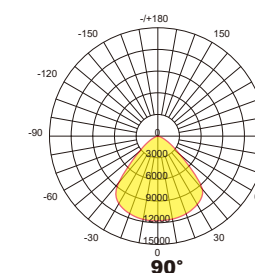
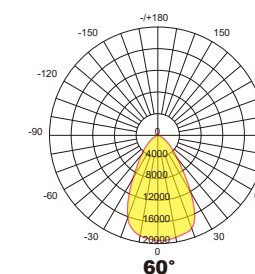
CHBL100W~150W



- Specially designed for food & beverage processing factories.
- One-piece design for easy cleaning reduces contamination risks.
- Surface electrostatic spray-paint processing, ensures food safety.
- IP69K IP67 extremely durable for daily direct jets of 1450 Psi water or high temperature steam.
- Luminous efficacy up to 160lm/w, power factor >0.95, largely saves your energy.

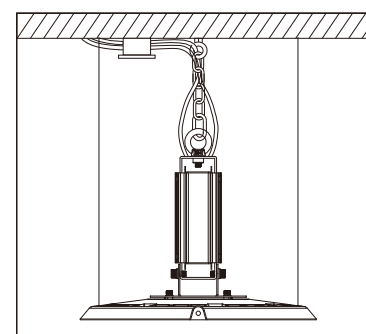
Product Specification

Product Code		CHBL100W	CHBL120W	CHBL150W
Power		100W	120W	150W
Input Voltage		90-305VAC		
Input Current		0.47A@220VAC	0.57A@220VAC	0.68A@220VAC
PF		>0.90@220VAC		
Dimming	MOSO	2 in 1 dimming (PWM, 0-10V)		
	MW	3 in 1 dimming (PWM, 1-10V, Resistor) Dali		
CCT		4000K 5000K 5700K 3000K		
Ra >80	Luminous Flux	14000 Lm±10%	16800 Lm±10%	21000 Lm±10%
	Efficiency	140 Lm/W±10%		
Ra >70	Luminous Flux	15000Lm±10%	18000 Lm±10%	22500 Lm±10%
	Efficiency	150 Lm/W±10%		
LED Brand		Nichia 3030 and Cree 3030		
Beam Angle		60° 90° 120°		
Operation Temp.		-40℃ ~ +45℃		
Storage Temp.		-40℃ ~ +85℃		
Life Span		25℃ 50000Hours		
IP Class		IP69K		
IK Class		IK08		
Certificate		ETL,PSE, CE,C-TICK,ROHS,NSF		
Lamp Body Color		Orange(RAL2004)、Gray(RAL9007)		
Product Size (mm)		400*400*197		
Net weight (kg) ±0.3		5.8Kg		
Packing Size (mm)		470*470*210		
Gross weight (kg)±0.3		6.8Kg		
Installation mode		Hook /Pole Mount		

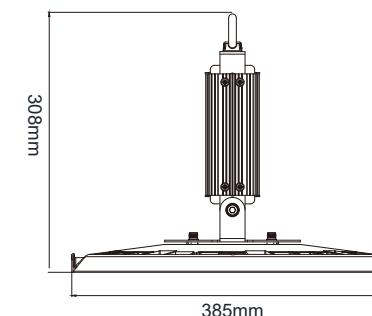
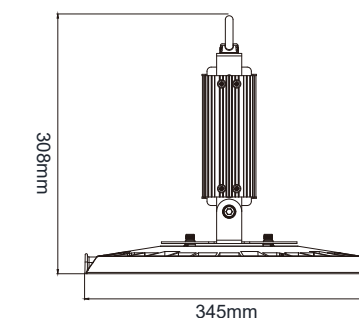




SHBL100W/150W



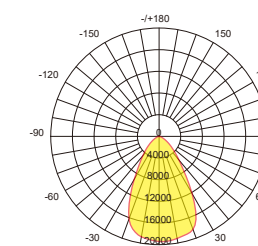
RAL9005



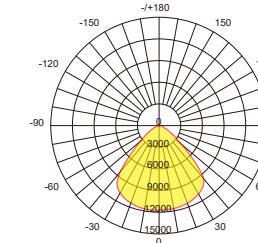
- Top class thermal performance withstanding harsh temperature 65 C .
- Dust-free new housing gives out heat much faster and improves heat-dissipation system.
- Air breather installed to balance temperature difference and prevent water condensation.
- IES standard 90/120 degrees tested in national listed lab, ensures light accuracy.

Product Specification

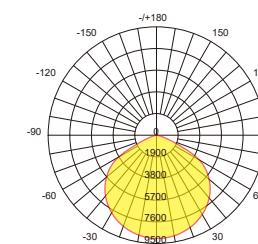
Product Code		SHBL100W	SHBL150W
Power		100W	150W
Input Voltage		198-264VAC	
Input Current		0.45A@230VAC	0.68A@230VAC
PF		0.95	
Dimming(Optional)		1-10V	
CCT		4000K、5000K、5700K、3000K	
Ra >80	Luminous Flux	15000Lm±10%	22500 Lm±10%
	Efficiency	150Lm/W±10%	
Ra >70	Luminous Flux	16000Lm±10%	24000 Lm±10%
	Efficiency	160Lm/W±10%	
LED Brand		Cree 3030	
Beam Angle		60°/90°/120°	
Operation Temp.		-40 C ~ +65 C	
Storage Temp.		-40 C ~ +85 C	
Life Span		65 C 50000Hours	
IP Class		IP65	
IK Class		IK08	
Certificate		CE,C-TICK,ROHS	
Lamp Body Color		Black (RAL9005)	
Product Size (mm)		345*345*308	385*385*308
Net weight (kg) ±0.1		3.35	3.7
Packing Size (mm)		384*152*390	424*150*430
Gross weight (kg)±0.1		4.1	4.5
Installation mode		Hook Mount	



60°



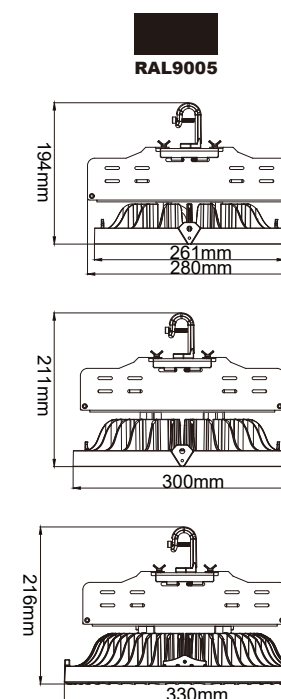
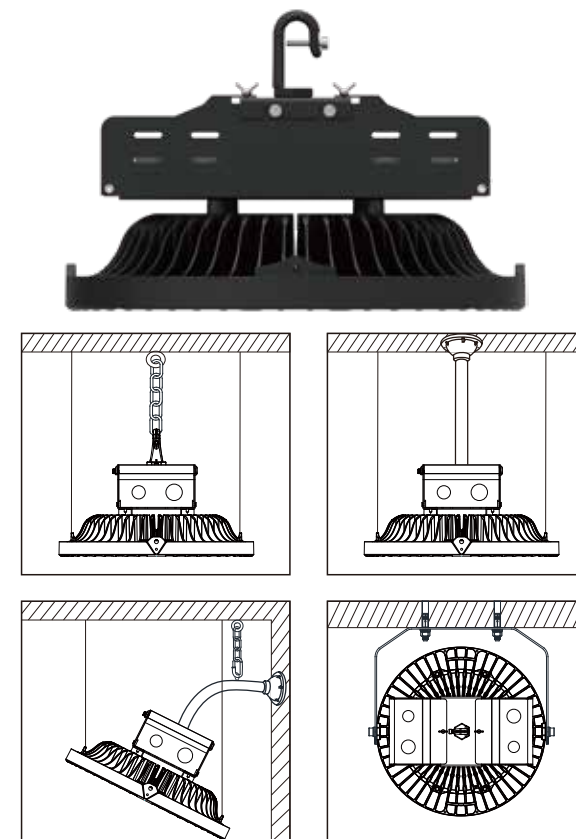
90°



120°



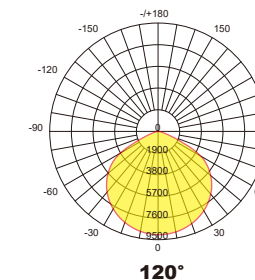
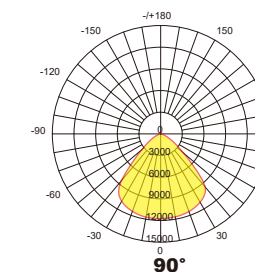
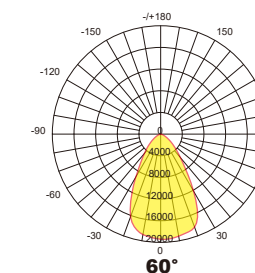
HBL100W~240W



- Convenient connection mode : Any vertical access or horizontal access, compatible with G3/4 and G1/2 standard connector.
- G1/2 connector can support 5-core wires which integrated by input wires and dim wires, to reduce wire displaying cost and maintain nice wire network.
- Free-tool opening electrical box, convenient for electricians to handle and install.
- Optional input voltage of 100-277VAC and 200-480VAC. Due to North American standard waterproof connector, the two input voltages can be switched easily, which reduce the stock cost for customers.

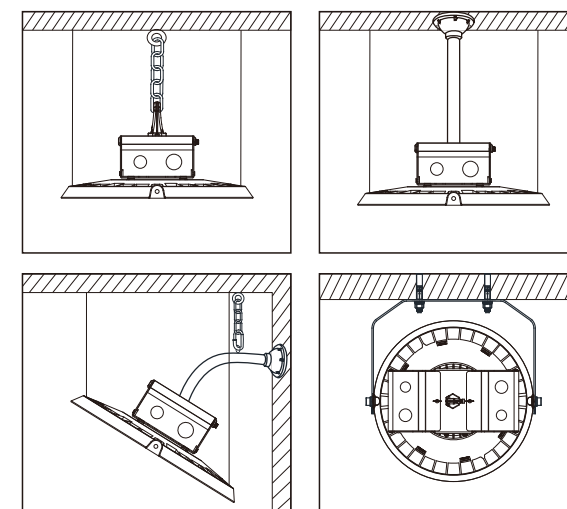
Product Specification

Product Code		HBL100W	HBL150W	HBL200/240W
Power		100W	150W	200/240W
Input Voltage		100-277VAC/200-480VAC		
Input Current		0.45A@220VAC	0.68A@220VAC	0.91A@220VAC 1.10A@220VAC
PF		>0.90@220VAC		
Dimming (Optional)		3 in 1 dimming (PWM, 0-10V, Resistor)		
CCT		4000K、5000K、5700K、3000K		
3030 Ra >70 5000K	Luminous Flux	16000 Lm±10%	24000 Lm±10%	32000 Lm±10% 38400 Lm±10%
	Efficiency	160Lm/W±10%		
LED Brand		Lumileds 3030		
Beam Angle		60°/90°/120°		
Operation Temp.		-40℃ ~ +45℃		
Storage Temp.		-40℃ ~ +85℃		
Life Span		45℃ 50000Hours		
IP Class		IP65		
IK Class		IK08		
Certificate		ETL,ROHS		
Lamp Body Color		Black (RAL9005)		
Product Size (mm)		280*261*194	300*300*211	330*330*216
Net weight(Kg)±0.1(HVG/XLG)		4.43/3.79	5.13/4.62	6.65/6.17
Packing Size (mm)		325*325*230	370*370*245	400*400*255
Gross weight(Kg)±0.1(HVG/XLG)		5.48/4.84	6.18/5.67	7.8/7.32
Installation mode		Hook/Pole/Bracket Mount		

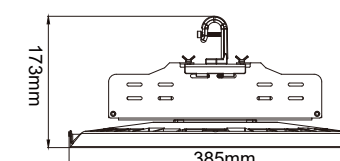
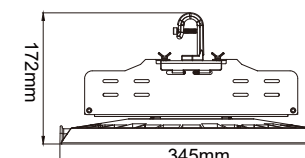
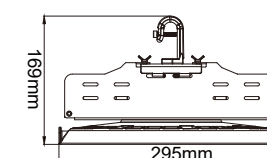




EHL100W~200W



RAL9005



- Convenient connection mode : Any vertical access or horizontal access, compatible with G3/4 and G1/2 standard connector.
- G1/2 connector can support 5-core wires which integrated by input wires and dim wires, to reduce wire displaying cost and maintain nice wire network.
- Free-tool opening electrical box, convenient for electricians to handle and install.
- Optional input voltage of 100-277VAC and 200-480VAC. Due to North American standard waterproof connector, the two input voltages can be switched easily, which reduce the stock cost for customers.

Product Specification

Product Code		EHL100W	EHL150W	EHL200W
Power		100W	150W	200W
Input Voltage		100-277VAC/200-480VAC		100-277VAC
Input Current		0.45A@220VAC	0.68A@220VAC	0.91A@220VAC
PF		>0.90@220VAC		
Dimming (Optional)		3 in 1 dimming (PWM, 0-10V, Resistor)		
CCT		4000K、5000K、5700K、3000K		
3030 Ra >70 5000K	Luminous Flux	16000 Lm±10%	24000 Lm±10%	32000 Lm±10%
	Efficiency	160Lm/W±10%		
LED Brand		Lumileds 3030		
Beam Angle		60°/90°/120°		
Operation Temp.		-40 C ~ +45 C		
Storage Temp.		-40 C ~ +85 C		
Life Span		45 C 50000Hours		
IP Class		IP65		
IK Class		IK08		
Certificate		ETL,ROHS		
Lamp Body Color		Black (RAL9005)		
Product Size (mm)		295*295*169	345*345*172	385*385*173
Net weight(Kg)±0.1(HVG/XLG)		4.04/3.4	4.53/4.02	5.02/4.54
Packing Size (mm)		334*145*340	384*150*390	424*150*430
Gross weight(Kg)±0.1(HVG/XLG)		4.69/4.05	5.28/4.77	5.9/5.42
Installation mode		Hook/Pole/Bracket Mount		

