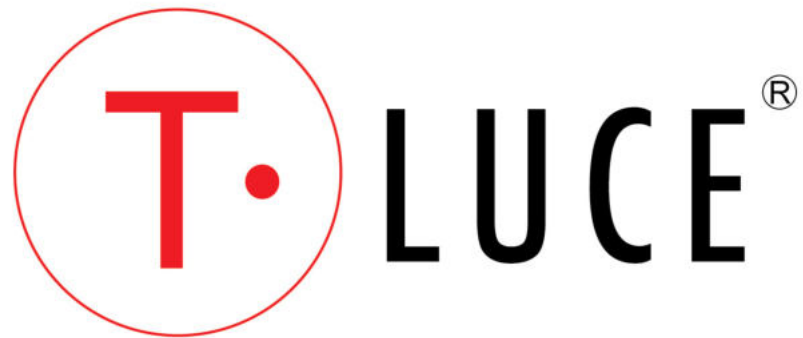


Light Sources Series



LIGHT AS AN EXPRESSION  
OF LIFE



[www.t-luce.com](http://www.t-luce.com)



LIGHT  
AS AN EXPRESSION  
OF LIFE

## INDEX

4 - 5	.....SLB - H09
6 - 9	.....SBL - S28 PLUS
10 - 13	.....SBL - S39 - 09
15 - 17	.....SBL - L09 - 01
19 - 21	.....SBL - L10 - 01
23 - 25	.....SBL - L11 - 01
27 - 29	.....SBL - L12 - 01
31	.....OFFICE

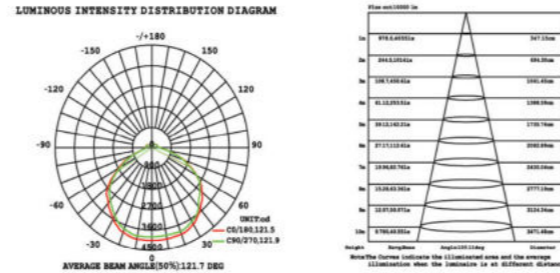


- ▷ LED replacement for 400W HID fixtures.
- ▷ Energy saving up to 80% than conventional HID systems.
- ▷ luminous efficacy of light source over 135 lumens per watt.
- ▷ Lasts 3 times longer than metal halide or HPS HID lamps.
- ▷ CCT ranges from 2700K,3000K,4000K,5000K,6000K.
- ▷ Life time over 50,000 hours.
- ▷ No fans for moving parts, providing outstanding reliability.
- ▷ 5 years limited warranty.
- ▷ Lamp contains no lead or mercury,RoHS compliant.
- ▷ Surge protection: 6KV.
- ▷ Used for in enclosed fixtures.



### Performance

- ▷ 135lm/w
- ▷ 80+CRI
- ▷ IP20
- ▷ Power Factor ≥0.9
- ▷ 50,000 hours life @ L70
- ▷ No ballast required, please disconnect or remove the ballast before installation
- ▷ Non-dimmable
- ▷ Suitable for dry and damp locations
- ▷ Instant on or off
- ▷ 50,000 hours life @ L70
- ▷ Horizontal mounting position
- ▷ UL1598C- existing fixtures retain
- ▷ Certified with UL,LM79,DLC,RoHS,CE



### Replacement



REPLACE



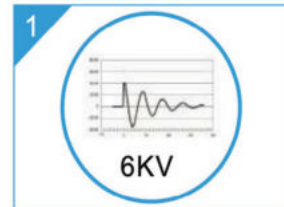
400W HID(HPS/MHL/mercury lamps)

#### Application

This lamp used for warehouse, barn garage etc.



Suitable for use in high bay fixtures



Surge protection: 6KV



No Fan for heat dissipation solution



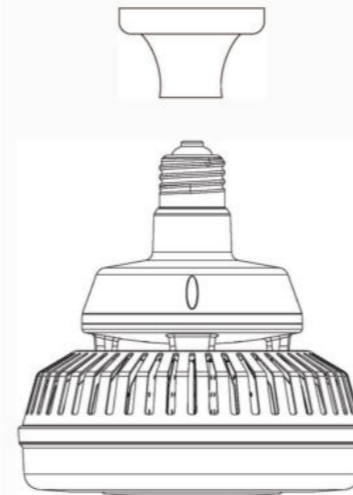
**JAE** Japan JAE connector  
Easy driver replacement

- ★ Top quality driver components:
- ★ FIRST MOS(USA)
- ★ MPS IC CHIP(USA)
- ★ RUBYCON CAPACITOR(JAPAN)
- ★ FIRST DIODES(USA)



Driver with heat sink silicone for waterproof, dust proof and anti-mosquitoes

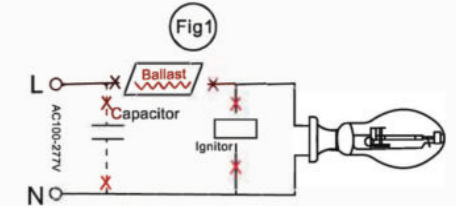
### Installation



#### Step:1

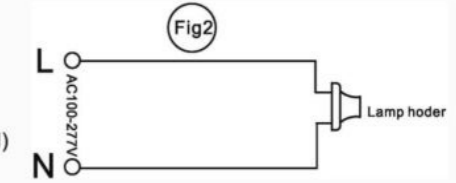
Shown as Figure 1  
Turn off the power before installation.

Remove the old ballast, capacitor and ignitor(if existing)



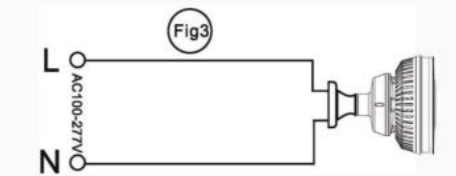
#### Step:2

Shown as Figure 2  
Make sure the alternating Current Wires connect to the E39 or Ex39, E40 socket directly (Reattach or replace ground lead if one is needed)



#### Step:3

Shown as Figure 3  
Screw the LED lamp onto the corresponding socket.

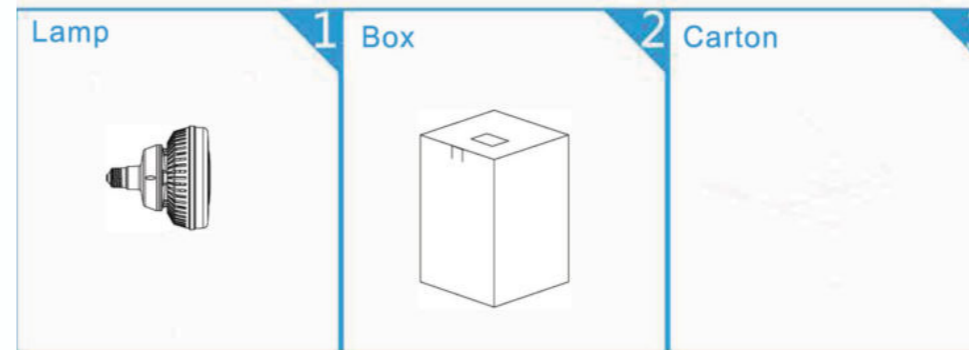


### Parameter

Model No.	Power (W)	LED Qty (Pcs)	PF	CRI	Input Voltage	CCT	Lumen	Dimension (mm)	Operate temperature (°C/°F)	Weight (Kg)	Certificates	Equal to
H09-115W-03 E27: H09-115W-03 E40:	115W ±10%	256	≥0.9	≥80	100-277V AC	2700K	14145±200	E27: Φ205*192	Minus 40~60°C Minus 40~140°F	N.W: 1.68 G.W: 2.34	CE RoHS	400W HPS/MHL
						3000K	14375±200	E40: Φ205*210				
						4000K	14950±200					
						5000K	15525±200					
						6000K	16100±200					

### Packing

Wattage	Inner box size	N.W per lamp (KG/lbs)	G.W per box (KG/lbs)	G.W per carton (KG/lbs)	Carton Size	Quantity per Carton
115W	245*255*245mm	1.68kg(3.70lb)	2.34kg(5.15lb)	10.56kg(23.28lb)	525*505*260mm	4pcs

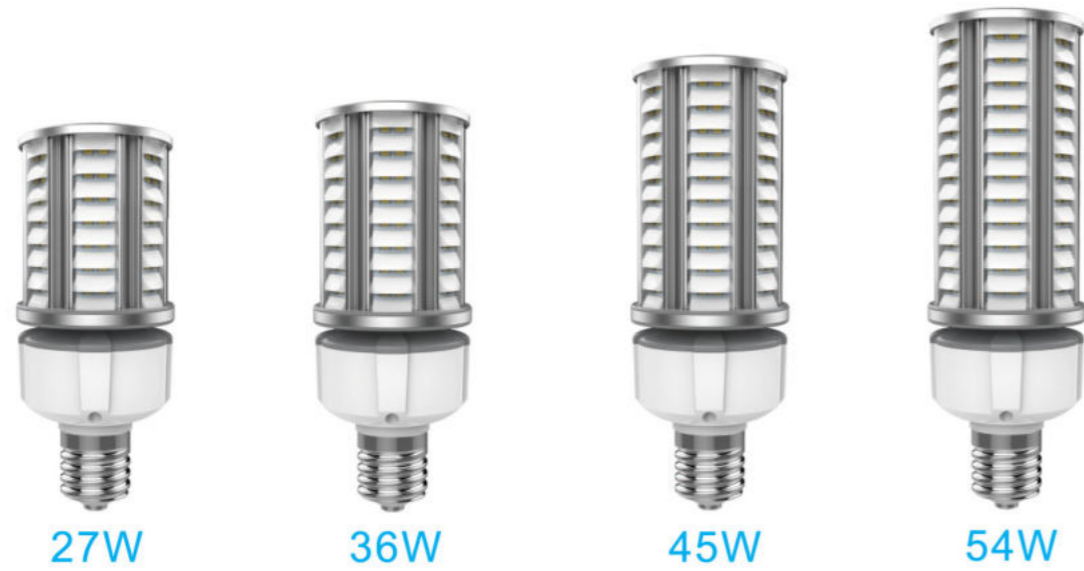


Pack Quantity:

4PCS

#### CAUTION

- Risk of wiring shock: Do not use where directly exposed to water!
- Suitable fixture in enclosed luminaires and min. luma compartment dimension: L:125mm x W:250mm.
- This lamp is non-dimmable, do not connect with dimmer, timer or other control device.



REPLACE



LG 5630  
110lm/W

180°beam angle



Flame retardant material



IP64 waterproof design



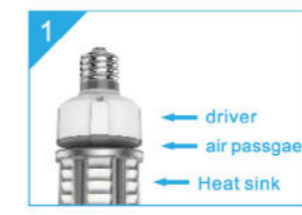
### Advantages

**PF ≥0.9**
**CRI ≥80**
**LED LG 5630**
**IES**
**LM80**
**LM79**



- Use top brand capacitors Rubycon**
- IP 64 design. Driver is fully sealed with thermal paste, working temperature -40~60°C(-40~140°F)**
- LED 0.3W 5630** **0.3W 5630 SMD LED. 30mA each, only 26mA goes through each LED so that LED life time is maintained**
- No Fan heat dissipation solution**
- Guide-flow cover & hole. It guides water flow away very fast, prevent from watered.**

Power	led Qty	PF	CRI	Voltage	CCT	Lumen	Size mm (x 0.039=inch)	Operation temp (°C/°F)	Weight (lbs=kg/2.2)	Certificate	Equal to
27W		≥0.9	≥80	100-277VAC	2700-6000K	2900±200lm	E26 Φ87*192 E27 Φ87*194 E39 Φ87*203 E40 Φ87*208 EX39 Φ87*204	minus 39~60°C	NW 0.7kg	CE/ROHS	100W HPS MHL
								minus 39~140°F	GW 0.8kg		
36W		≥0.9	≥80	100-277VAC	2700-6000K	3900±200lm	E26 Φ87*204 E27 Φ87*206 E39 Φ87*245 E40 Φ87*220 EX39 Φ87*216	minus 39~60°C	NW 0.72kg	CE/ROHS	150W HPS MHL
								minus 39~140°F	GW 0.82kg		
45W		≥0.9	≥80	100-277VAC	2700-6000K	4900±200lm	E26 Φ87*228 E27 Φ87*230 E39 Φ87*239 E40 Φ87*244 EX39 Φ87*240	minus 39~60°C	NW 0.8kg	CE/ROHS	175W HPS MHL
								minus 39~140°F	GW 0.9kg		
54W		≥0.9	≥80	100-277VAC	2700-6000K	5900±200lm	E26 Φ87*252 E27 Φ87*254 E39 Φ87*263 E40 Φ87*268 EX39 Φ87*264	minus 39~60°C	NW 0.88kg	CE/ROHS	200W HPS MHL
								minus 39~140°F	GW 1.0kg		



Isolated driver, better for heat dissipation



Easy replacement with slide connector from lamp body to driver.



High quality driver components: Rubycon capacitor (Japan); FIRST MOS(USA); MPS IC Chip (USA); Galaxy Diodes (biggest in China)



Driver with heat sink silicone for waterproof, dust proof and anti-mosquitoes



Acorn



Ball



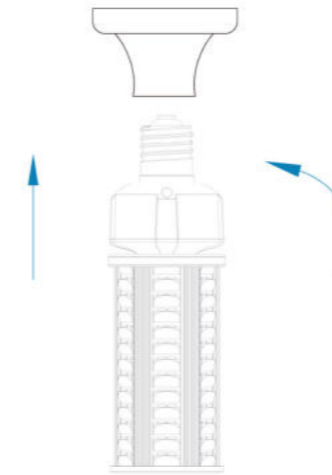
Post top



Before



After



**Step:1**

Shown as Figure 1  
Turn off the power before installation.

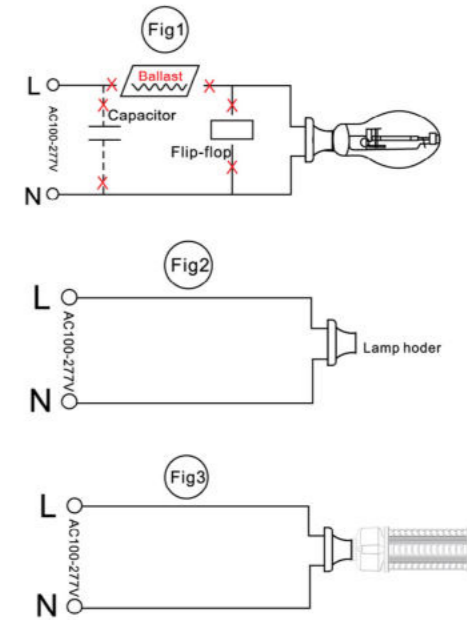
Remove the old ballast, capacitor and ignitor(if existing)

**Step:2**

Shown as Figure 2  
Make sure the Alternating Current Wires connect to the E26 or E39 socket directly. (Reattach or replace ground lead if one is needed)

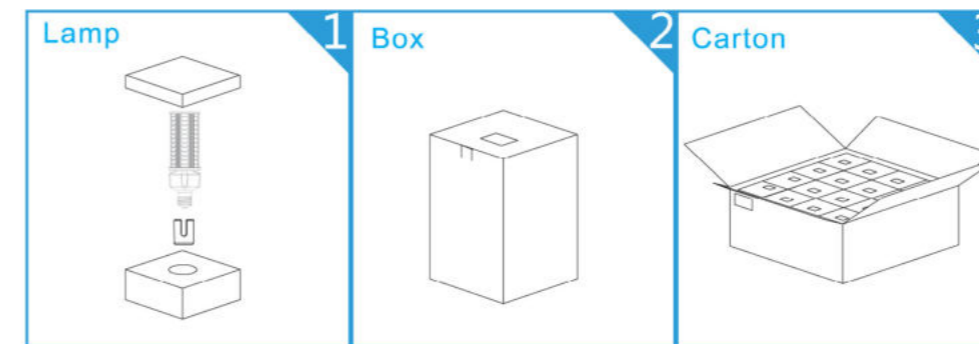
**Step:3**

Shown as Figure 3  
Screw the LED lamp onto the corresponding socket.

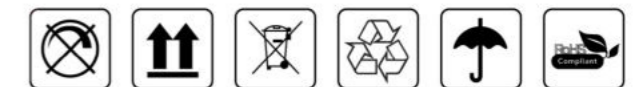


**Packing**

Wattage	Inner box size	N.W per lamp	G.W per box (lbs=KG/2.2)	G.W per carton (lbs=KG/2.2)	Carton Size	Quantity per Carton
27W	93x93x231mm	0.70kg	0.80kg	14.03kg	392x382x246mm	16PCS
36W	93x93x240mm	0.72kg	0.82kg	14.43kg	392x382x255mm	
45W	93x93x265mm	0.80kg	0.90kg	15.65kg	392x382x280mm	
54W	93x93x289mm	0.88kg	1.00kg	17.03kg	392x382x304mm	



Pack Quantity:  
**16PCS**



**CAUTIONS**

- Risk of electric shock. Do not use where directly exposed to water.
- All these 27W,36W,45W,54W led lamps are suitable for use in totally enclosed luminaires.
- These led corn bulbs are non-dimmable.
- Don't take apart the lamps without our permit.
- Please read the manual carefully before installation.





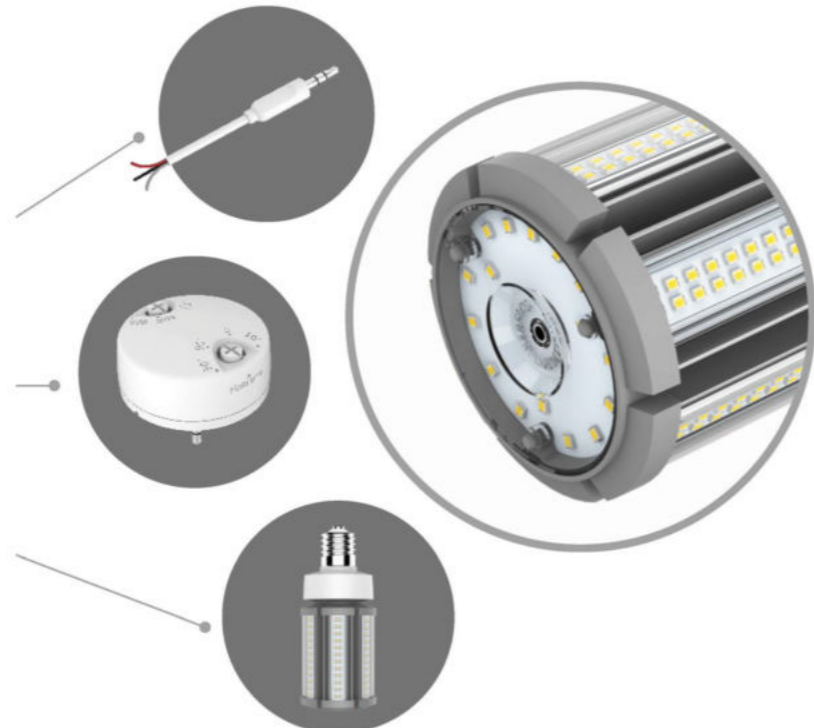
Intelligent Interface

### One product- multiple functional usage

**Usage 1:**  
3 in 1 dimming LED lamp

**Usage 2:**  
sensor LED lamp

**Usage 3:**  
Regular led lamp without sensors



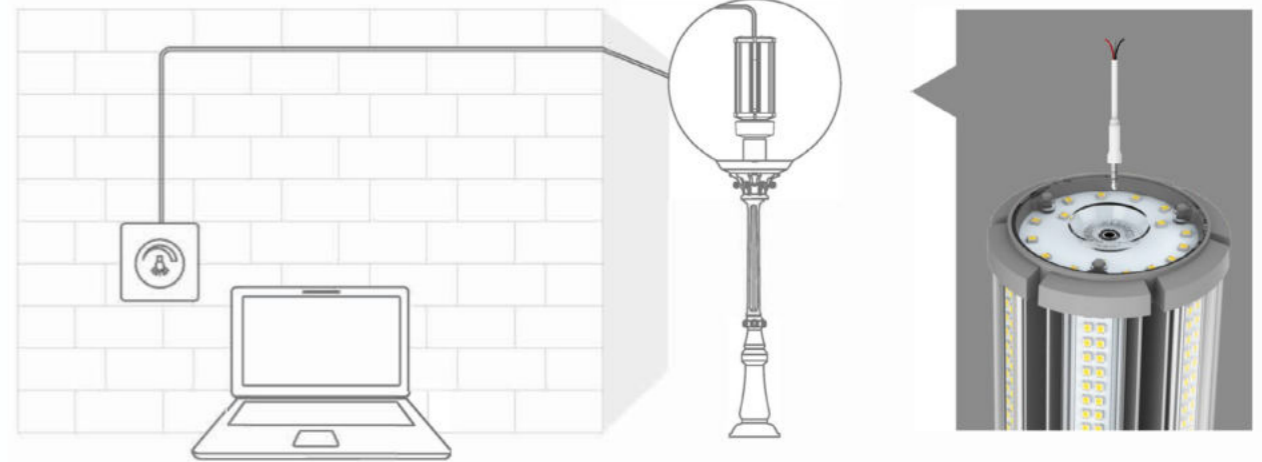
### Specifications

Model No.	Power	led Qty	PF	CRI	Voltage	CCT	Lumen	Size mm (x 0.0393=inch)	Opertion temp (°C/°F)	Weight (lbs=kg*2.2)	Certificate	Equal to
S39-09	36W±10%	160leds 2835	≥0.9	≥80	100-277VAC 50-60Hz	2700-6000K	5400lm±10%	E26 φ 85*202 E27 φ 85*205 E39 φ 85*219 E40 φ 85*223	minus 40-60°C minus 40-140°F	NW0.64kg GW0.75kg	LM80 DLC cUL/UL LM79	175W HPS MHL
S39-09	45W±10%	208leds 2835	≥0.9	≥80	100-277VAC 50-60Hz	2700-6000K	6750lm±10%	E26 φ 85*232 E27 φ 85*235 E39 φ 85*249 E40 φ 85*253	minus 40-60°C minus 40-140°F	NW0.73kg GW0.84kg	LM80 DLC cUL/UL LM79	200W HPS MHL
S39-09	54W±10%	256leds 2835	≥0.9	≥80	100-277VAC 50-60Hz	2700-6000K	8100lm±10%	E26 φ 85*232 E27 φ 85*235 E39 φ 85*249 E40 φ 85*253	minus 40-60°C minus 40-140°F	NW0.75kg GW0.87kg	LM80 DLC cUL/UL LM79	250W HPS MHL
S39-09	63W±10%	304leds 2835	≥0.9	≥80	100-277VAC 50-60Hz	2700-6000K	9450lm±10%	E26 φ 85*247 E27 φ 85*250 E39 φ 85*264 E40 φ 85*268	minus 40-60°C minus 40-140°F	NW0.82kg GW0.94kg	LM80 DLC cUL/UL LM79	320W HPS MHL

### Application

#### 3 in 1 dimming LED lamp

0-10V Dimming | PWM Dimming | Resistance dimming

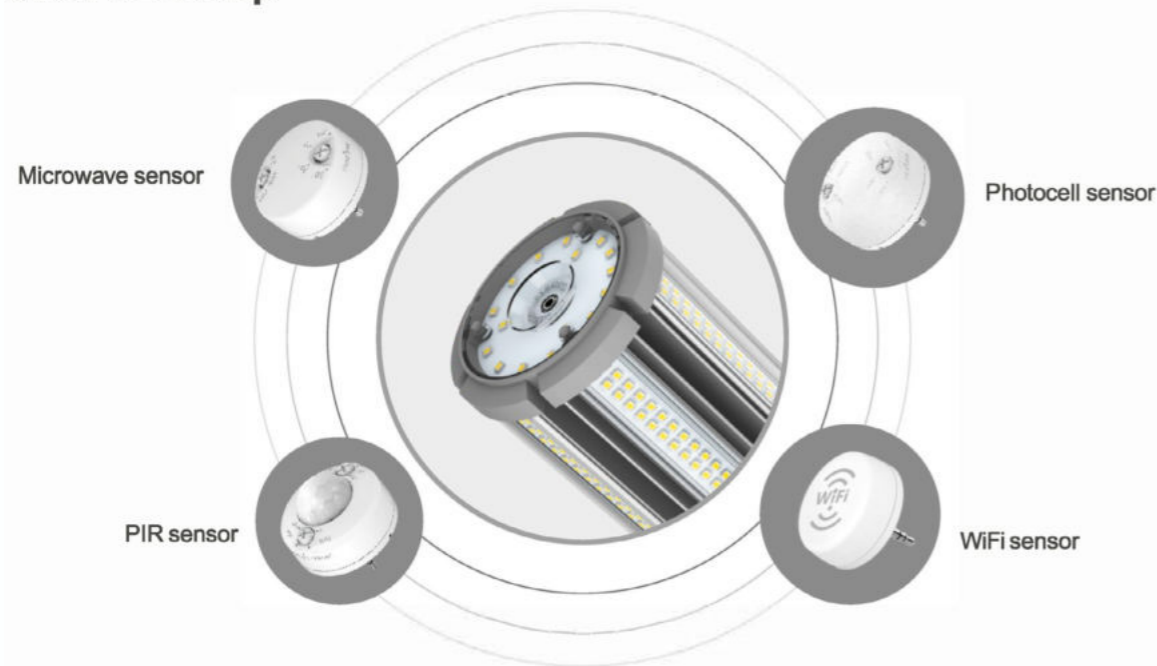


#### WiFi control LED lamp

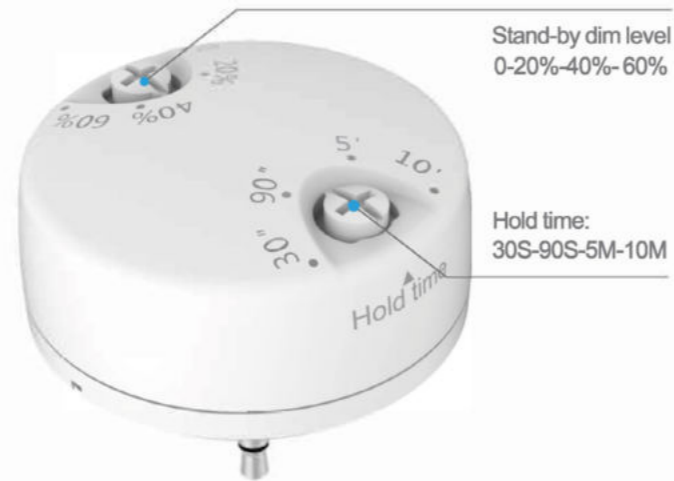
APP-Dimming&time control,Support group or single operation



Sensor LED lamp



Sensor instruction

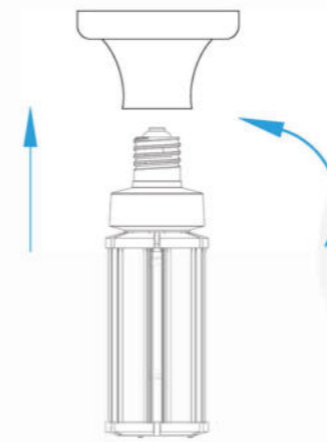


Applicable Sensors				
Interface	MW sensor	Photocell sensor	PIR sensor	WiFi sensor
Hold Time	✓	✓	✓	✓
Stand-by Dim Level	✓	✓	✓	✓
Senor Detection Area	10 meters	—	6 meters	*
Waterproof	—	—	—	—
External cord	—	—	—	—

\* WIFI control area: as long as the lamp and APP is connected to the same router

Installation

Lamp Installation



Step:1

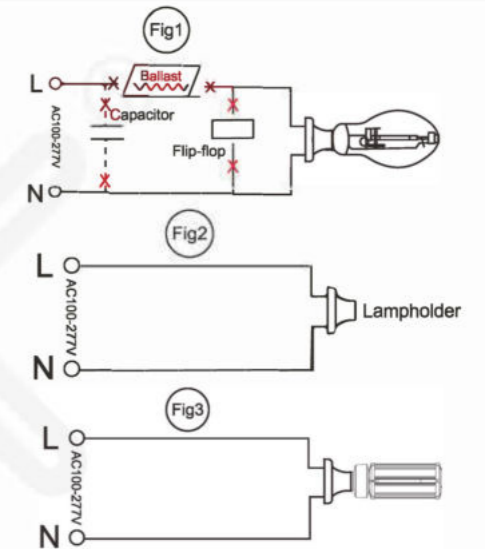
Shown as Figure 1  
Remove old ballast or disconnect from existing lamp holder. Remove and dispose of ballast in correct manner.  
(North America 100-277VAC)

Step:2

Shown as Figure 2  
Reconnect directly to the existing lamp holder.  
(North America 100-277VAC)

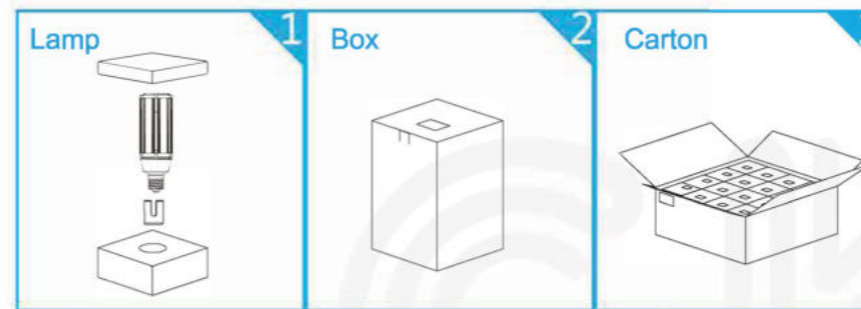
Step:3

Shown as Figure 3  
Install new LED replacement lamp. Please make sure the old fitting is correctly earth.  
(North America 100-277VAC)



Packing

Wattage	Inner box size	N.W per lamp (lbs=kg*2.2)	G.W per box (lbs=kg*2.2)	G.W per Carton (lbs=kg*2.2)	Carton Size	Quantity Per Carton
36W	93*93*249mm	0.64kg	0.75kg	13.00kg	395*390*264mm	16
45W	93*93*279mm	0.73kg	0.84kg	14.64kg	395*390*294mm	
54W	93*93*279mm	0.75kg	0.87kg	15.12kg	395*390*294mm	
63W	93*93*294mm	0.82kg	0.94kg	16.24kg	395*390*309mm	



Pack Quantity:

16pcs



CAUTIONS

- Risk of electric shock. Do not use where directly exposed to water.
- 36W 45W 54W 63W are suitable for using in totally enclosed fixtures.
- Don't take apart the lamps without our permit.
- Please read carefully manual before installation.

## Photocell+PIR sensor



Hold time:  
30S-90S-5Min-10Min

Dimming

Stand-by dim level  
0-20%-40%- 60%



Dimming level: the brightness output 0 / 20% / 40% / 60% ;  
Hold time: the period from when it is turned up to when it is turned down



### Specifications

Voltage	15V DC +-2V	Illuminance	Around 300LUX
Output Voltage	0-10V	Operating temperature	-20°C - + 35 °C ( - 4°F- + 95°F)
Current	20mA	Storage temperature	-20°C - + 40 °C ( - 4°F- + 104°F)
Sensing angle	120°(Installation vertically)	Time Options	30S/90S/5min/10min
Detecting range	Around Dia 10m	IP rating	IP20
Standby power range	0%-60%	Warranty	5 years

## Application



Photocell+PIR sensor



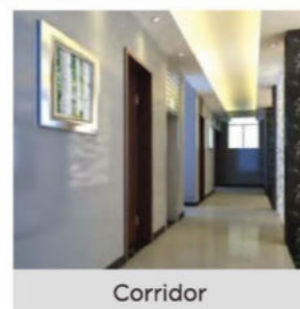
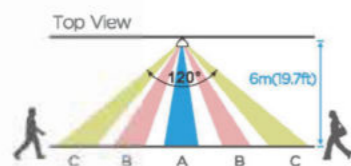
LED corn lamp  
GKS39-09/10 series



LED low/high bay  
GKH10-05 series

### Ceiling Mount

Top View



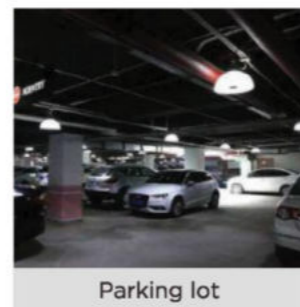
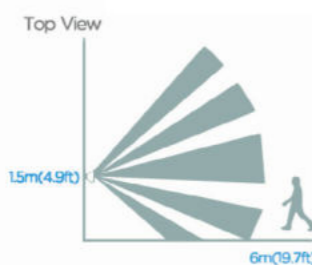
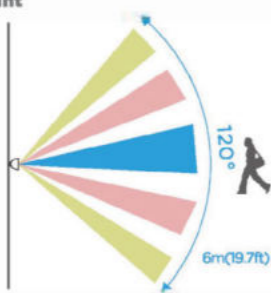
Corridor



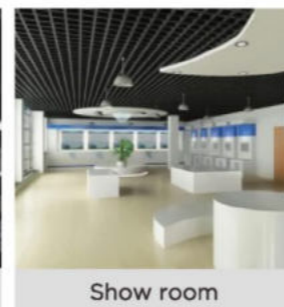
Warehouse

### Wall Mount

Top View

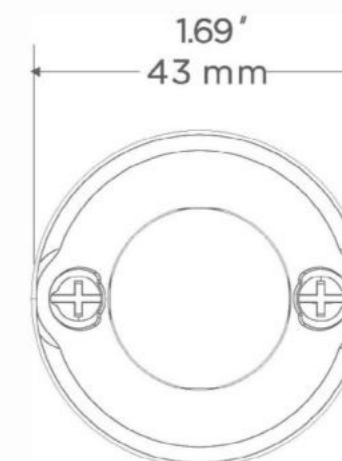
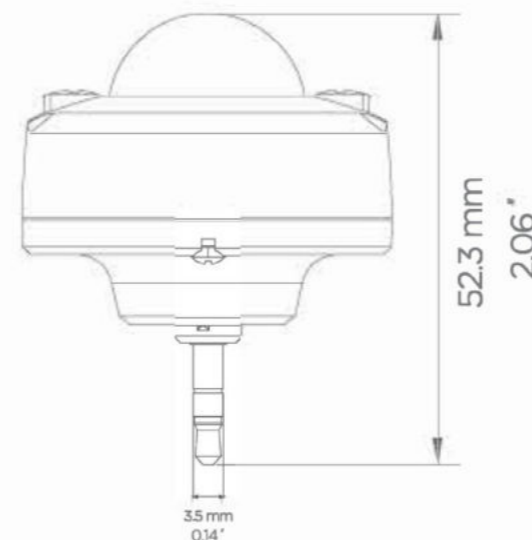


Parking lot



Show room

## Dimensions



## Functions

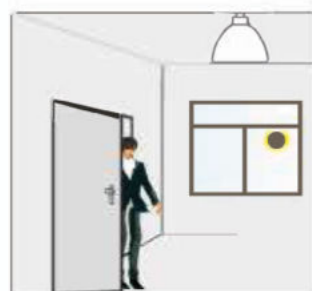
- Time setting: to set the time period from the moment when the lamp is turned on (sensing some movements) to the moment when it's turned down automatically (sensing no movements)
- Brightness level setting: to set the brightness level of the light when it's turned down (sensing no movements). The options level is 0/20%/40%/60%

## Packing

Model	N.W(kg) lbs=kg x 2.2	G.W(kg) lbs=kg x 2.2	Box size(mm) x 0.0393=inch	Carton size(mm) x 0.0393=inch	Quantity per carton
L09-01	0.021	0.031	46*46*55	250*250*240	100

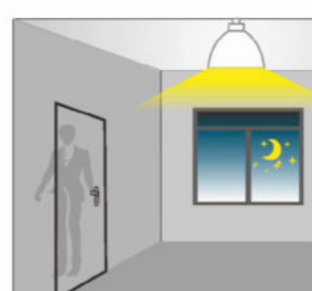
## Caution

- Operating degree: -20~35 °C (-4~95 °F)  
Storage degree: -20~40 °C (-4~104 °F)
- Not suitable for enclosed luminaire
- Do not expose to water directly
- One module for one lamp
- Set well the lamp brightness and hold time before installation



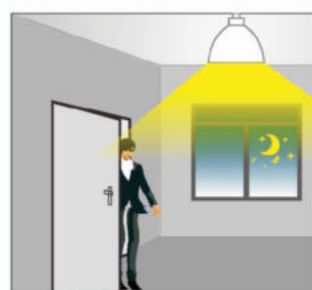
1

Turn on and plug in sensor module, if the nature light > 300Lux, all lamps will be turned off automatically



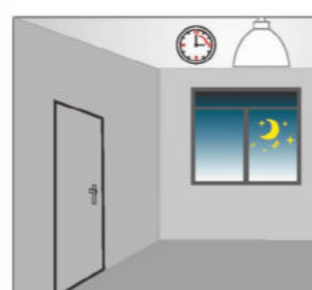
2

If the nature light 300Lux without detected movements, all lamps will be turned down



3

If there is any detected movements, all lamps will be turned up automatically to 100% brightness

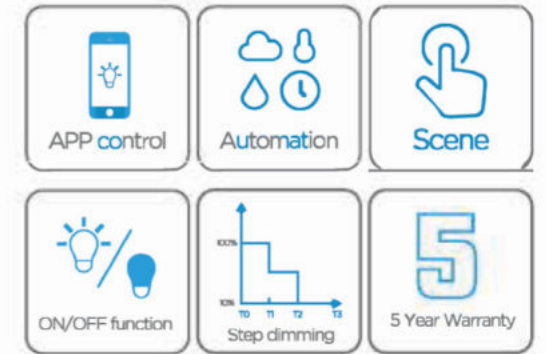


4

If there is no detected movements, all lamps will be turned down to 0-60% brightness after the hold time 30S-10MINS



## WiFi Control module



### Features

- Achieve functions through mobile APP, router, ECS, etc.
- Achieve dimming and time control
- Support single or group lamp control
- Available voice control:: Amazon Echo, Google home etc

### Specifications

Operating Voltage	15V DC +-2V	Storage temperature	-20°C ~ + 40°C -4°F ~ + 104°F
Current	20mA	Operating temperature	-20°C ~ + 60°C -4°F ~ + 140°F
IP rating	IP20	Lifespan	5 years
WIFI	2.4GHz	OS	Andriod4.2 or newer, IOS8.0 or newer

### Application



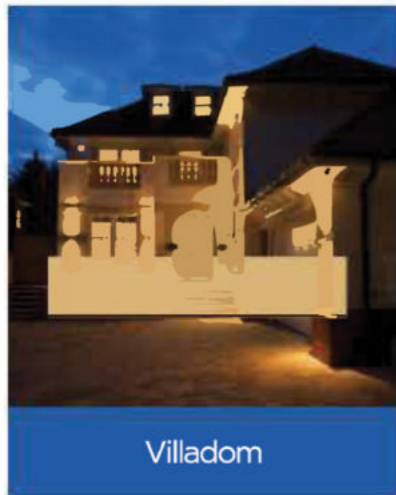
WiFi control module



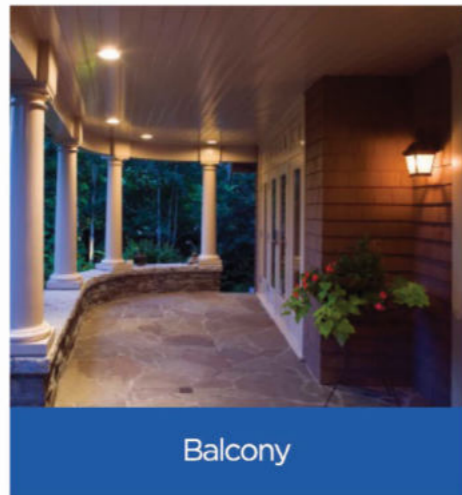
LED corn lamp  
GKS39-09/10 series



LED low/high bay  
GKH10-05 series



Villadom

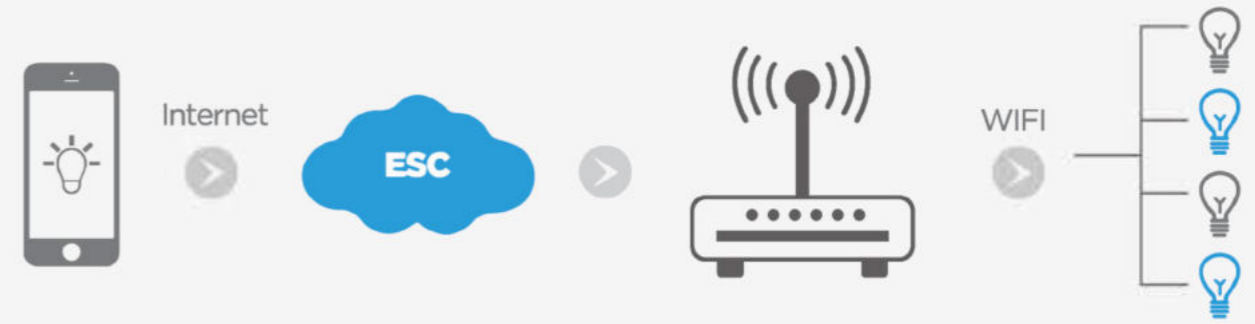


Balcony

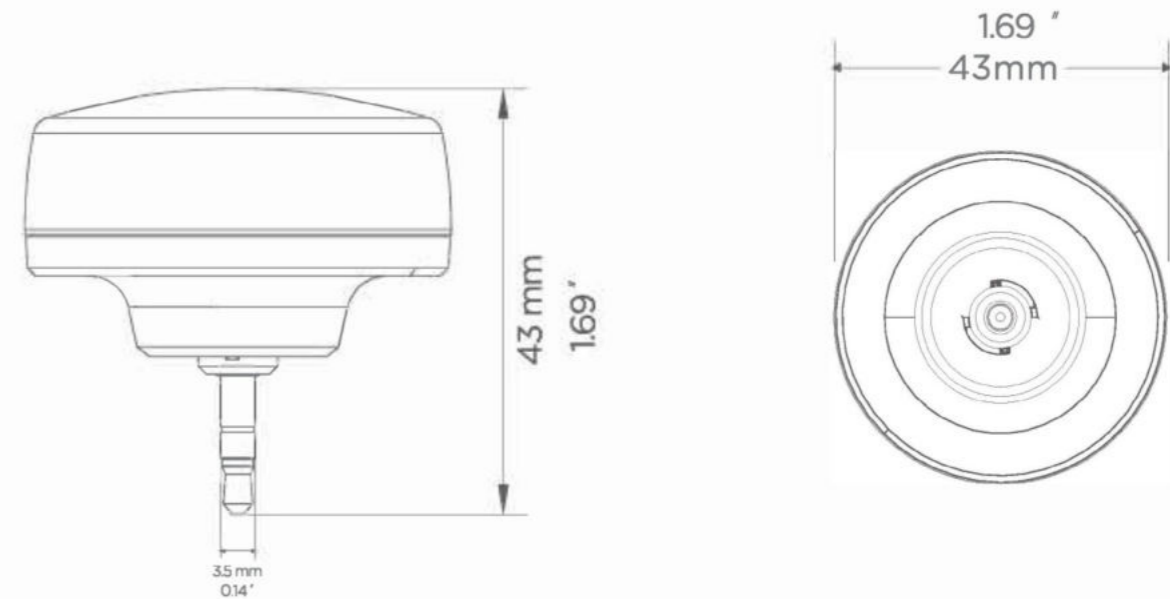


Warehouse

### How wifi control module works



### Dimensions

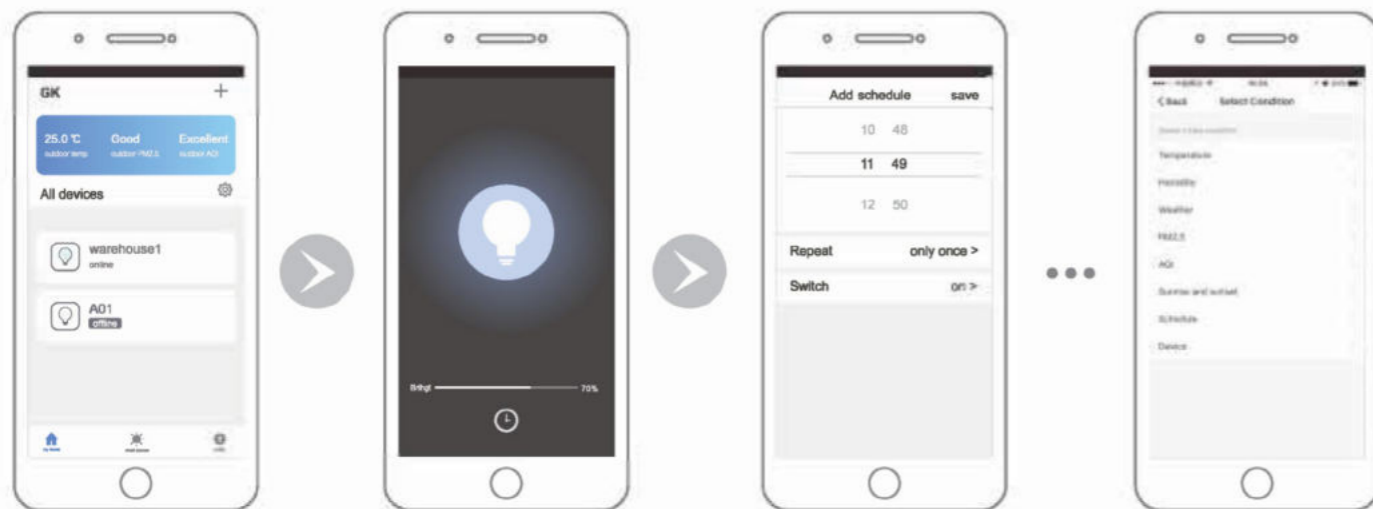


### Packing

Model	N.W(kg) lbs=kg x 2.2	G.W(kg) lbs=kg x 2.2	Box size(mm) x 0.0393=inch	Carton size(mm) x 0.0393=inch	Quantity per carton
L10-01	0.021	0.031	46*46*46	250*250*205	100



WiFi:Wifi 2.4GHz  
OS:Andriod4.2 or newer, IOS8.0 or newer



- ① Adding Devices
- ② Configure when light flashing
- ③ on-off or dimming option
- ④ Setting time
- More options for group scene automation control



## Photocell sensor



Lux: environment natural light lux (200lx or 500lx recommended)  
Hold time: how many hours the lamps keep on

### Specifications

Voltage	15V DC ±2V	Operating temperature	-20°C - + 60°C -4°F - + 140°F
Output Voltage	0-10V	Storage temperature	-20°C - + 40°C -4°F - + 104°F
Current	20mA	IP rating	IP20
LUX range	50-∞	Warranty	5 years

### Application



Photocell sensor

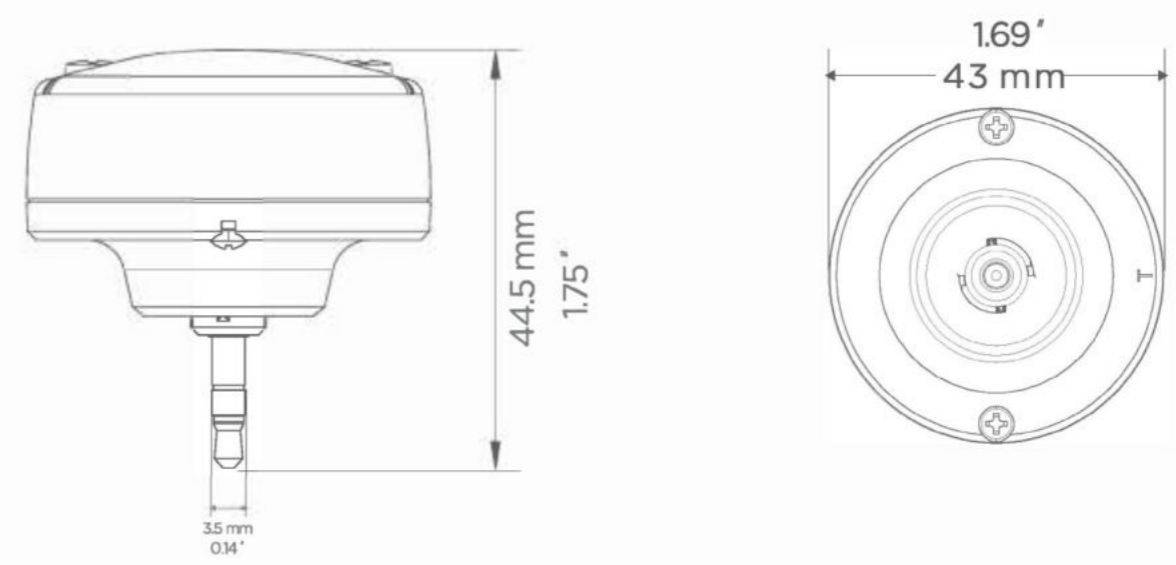


LED corn lamp  
GKS39-09/10 series

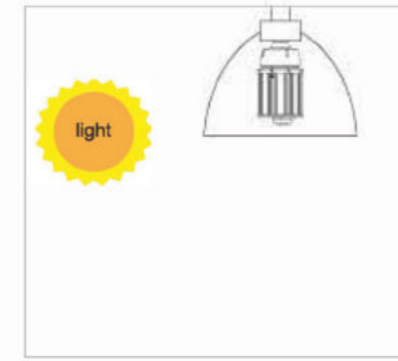


LED low/high bay  
GKH10-05 series

### Dimensions



### Functions



Lux:  
environment natural light lux  
(200lx or 500lx recommended)

Hold time:  
how many hours the lamps  
keep on

### Packing

Model	N.W(kg) lbs=kg x 2.2	G.W(kg) lbs=kg x 2.2	Box size(mm) x 0.0393=inch	Carton size(mm) x 0.0393=inch	Quantity per carton
L11-01	0.021	0.031	46*46*46	250*250*205	100



- Operating degree: -20-60 °C (-4-140 °F)
- Storage degree:-20-40 °C (-4-104 °F)
- One module for one lamp
- Set well the lamp brightness and hold time before installation

- 1 Set well the appropriate lux and time
- 2 Plug in the sensor module and turn on the lamp
- 3 If the nature light is below the LUX (50Lux,200Lux,500Lux,800Lux),the lamp will be turned on and kept lighting during the hold time(Set 4Hours/6Hours/10Hours-∞)
- 4 If the nature light is over the LUX setting, the lamps will be turned off

## Microwave + photocell sensor



- Dimming level: the brightness output 0 / 20% / 40% / 60% ;
- Hold time: the period from when it is turned up to when it is turned down



### Specifications

Frequency	5.8GHz ± 75MHz	Detection range	Around Dia 10m
Voltage	15V DC ± 2V	Operating temperature	-20°C ~ + 60°C -4°F ~ + 140°F
Output Voltage	0-10V	Storage temperature	-20°C ~ + 40°C -4°F ~ + 104°F
Current	20mA	IP rating	IP20
Transmit power	1mW	Warranty	5 years
Sensing angle	120°(Installation vertically)		

### Application



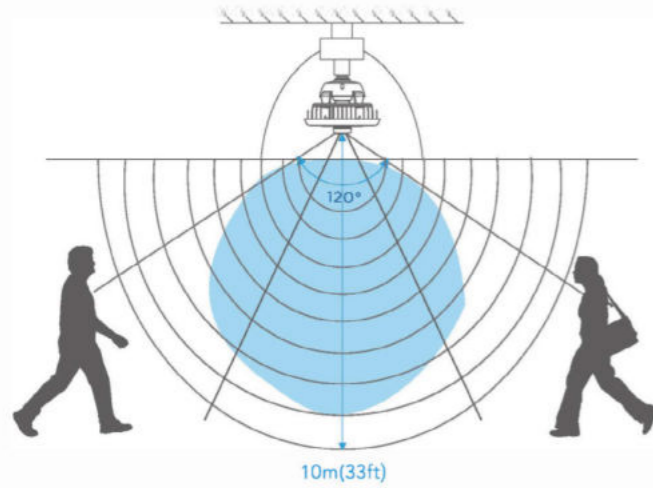
Microwave+photocell sensor



LED corn lamp  
GKS39-09/10 series



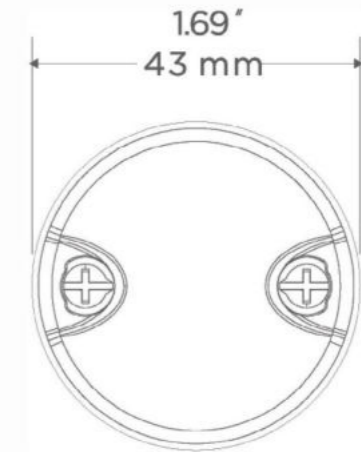
LED low/high bay  
GKH10-05 series



Sensor detection area( Diameter):

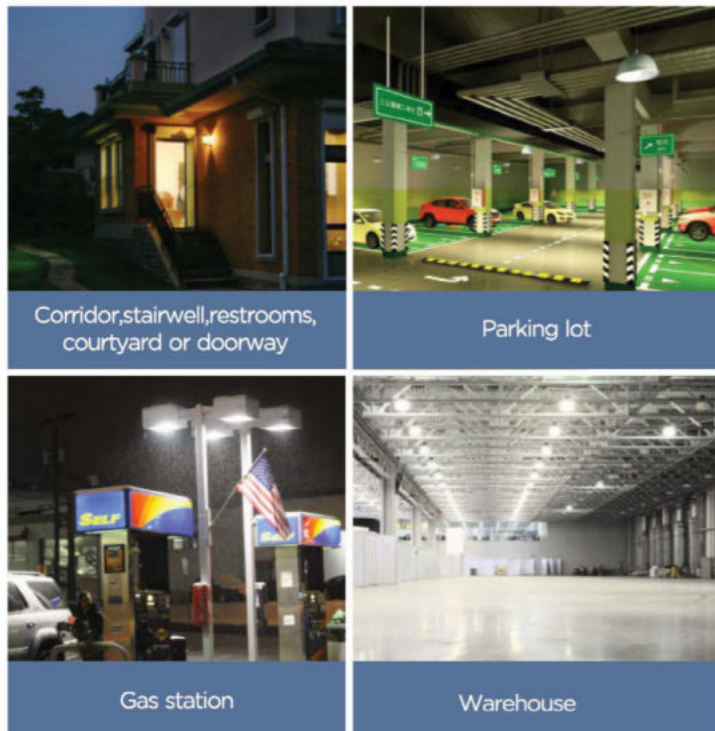
**10m**

### Dimensions



### Packing

Model	N.W(kg) lbs=kg x 2.2	G.W(kg) lbs=kg x 2.2	Box size(mm) x 0.0393=inch	Carton size(mm) x 0.0393=inch	Quantity per carton
L12-01	0.021	0.031	46*46*46	250*250*205	100



1. Turn on and plug in the sensor module; after 20 seconds automatic detection, if there is no any detected movements, all lamps will be turned down to 0-60% brightness



2. If there is any detected movements, all lamps will be turned up to 100% brightness



3. If there is no any detected movements, all lamps will be turned down automatically to 0-60% brightness after the hold time 30S-10 MINS.



Caution

- Operating degree: -20-60 °C (-4-140 °F)  
Storage degree: -20-40 °C (-4-104 °F)
- Do not expose to water directly
- One module for one lamp
- Set well the lamp brightness and hold time before installation
- Not for using in outdoor



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