



www.szguanke.com



Alibaba



Facebook



LinkedIn



Youtube



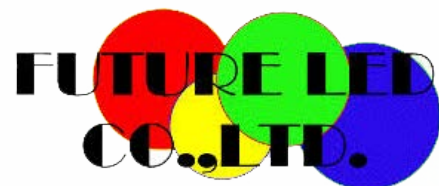
# 2019 VERSION | PRODUCT CATALOG

ONE-STOP HID/HQI LED RETROFIT PURCHASE!



**Distributor :**

GLOBAL HID RETROFIT  
INNOVATION MANUFACTURER



[www.7-Mars.com](http://www.7-Mars.com)



E-CATALOG DOWNLOAD








# 03 TEMPORARY WORK LIGHTS





ADVANTAGES

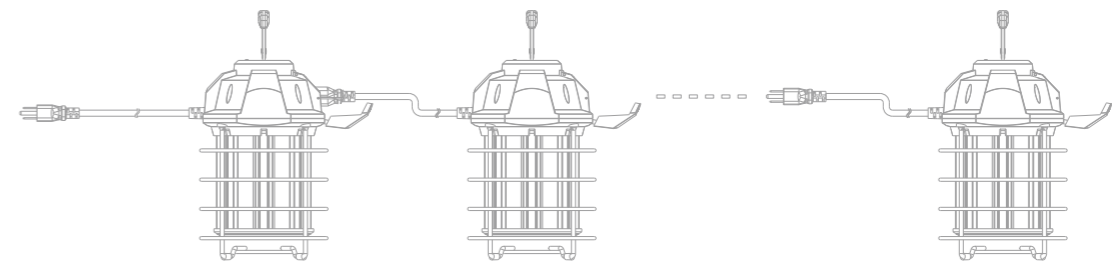
-  The luminaire could be linkable(60w max link 10pcs; 100w max link 6pcs ; 150w max link 4pcs)
-  Smart fuse: reset once overload 5A
-  Portable, retractable handle
-  Plug fixed against cable taken off
-  Remote control

LED WORK LIGHTS

2nd Generation

GKT12

60W 100W 150W



USD829363S  
US10281127B1  
CN2017213457353





REPLACE












60W	REPLACE	200W
100W	REPLACE	400W
150W	REPLACE	600W

MODEL NO.	VOLTAGE	LUMEN	WEIGHT (1kg=2.2lbs)	EQUAL TO	CERTIFICATE
GKT12-60W	120VAC 50/60Hz	6000±200lm	20FT NW5.07lbs 5FT NW3.97lbs	200W	Lm80 cUL/UL LM79
GKT12-100W	120VAC 50/60Hz	10000±200lm	20FT NW6.83lbs 5FT NW4.85lbs	400W	Lm80 cUL/UL LM79
GKT12-150W	120VAC 50/60Hz	15000±200lm	20FT NW8.60lbs 5FT NW5.51lbs	600W	Lm80 cUL/UL LM79



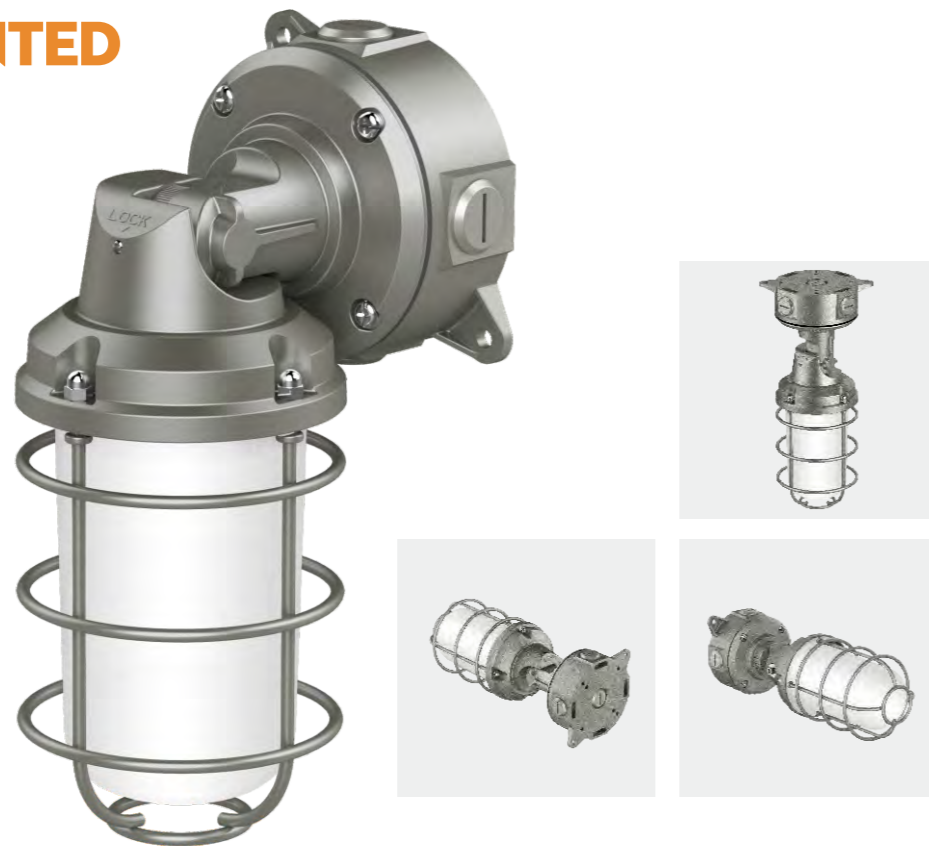
ADVANTAGES

-  Suitable for wet location (outdoor)
-  No dark area
-  Working temperature: -40°F~140°F(-40°C~60°C)  
50,000hours reliable lifespan
-  0-90 degree adjustable
-  Perfect design for wire pipe through
-  5 years warranty
-  Top quality driver components:
  - ① FIRST MOS(USA)
  - ② MPS IC Chip (USA)
  - ③ Rubycon capacitor (Japan)
  - ④ Galaxy Diodes (biggest in China)

WALL MOUNTED LED LAMP

GKT15

20W 30W



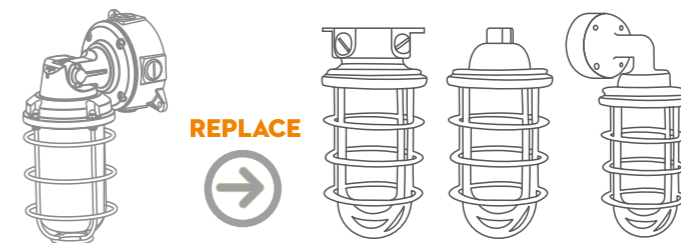
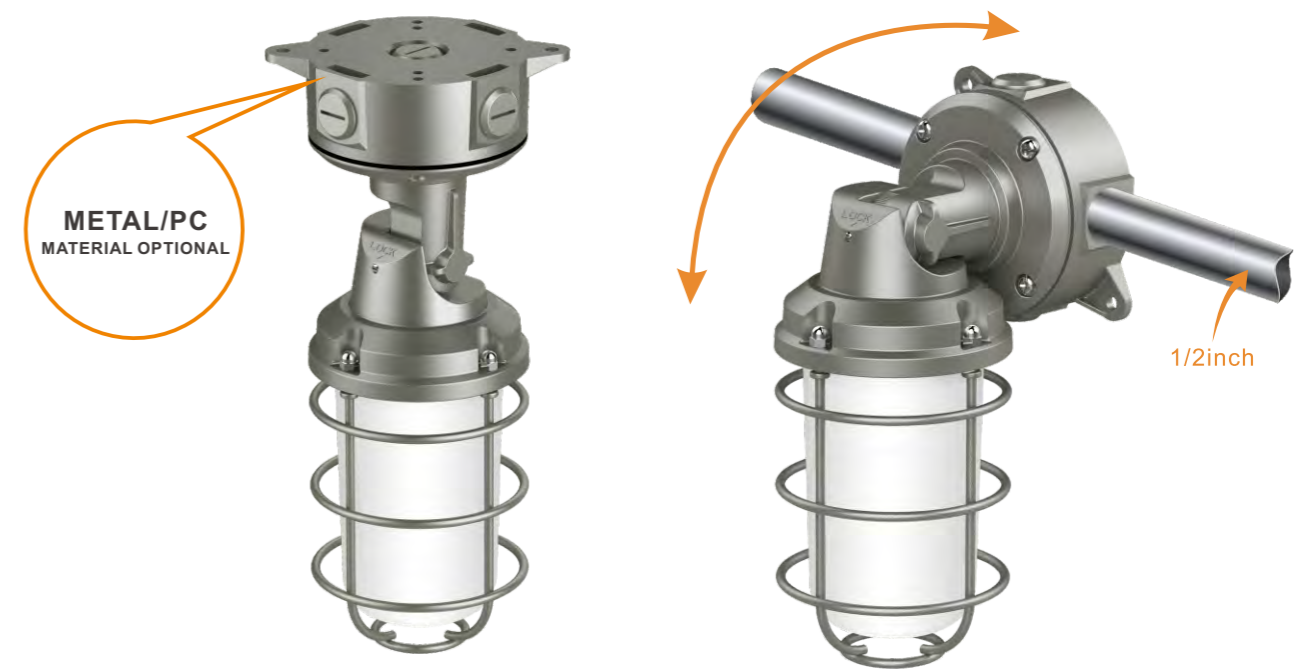
(OPTIONAL)

PC cover instead of glass with rust-proof iron cage  
IP65 wet location design



USD853614S  
CN2018300111569  
CN201820044604X

PATENT APPLICATION NO.  
CN2018100229466  
US15876209



MODEL NO.	VOLTAGE	LUMEN	WEIGHT (1kg=2.2lbs)	EQUAL TO	CERTIFICATE
GKT15-20W	100-277VAC 50/60Hz	2000±200lm	NW 2.43lbs GW 2.65lbs	100W	LM80 DLC cUL/UL LM79
GKT15-30W	100-277VAC 50/60Hz	3000±200lm	NW 2.43lbs GW 2.65lbs	150W	LM80 DLC cUL/UL LM79



## LED STRING LIGHT

### GKT10

100W 200W 300W 400W



USD855872S  
US10309591B2  
CN2017211129797



### ADVANTAGES



Energy saving



Illumination for industrial application



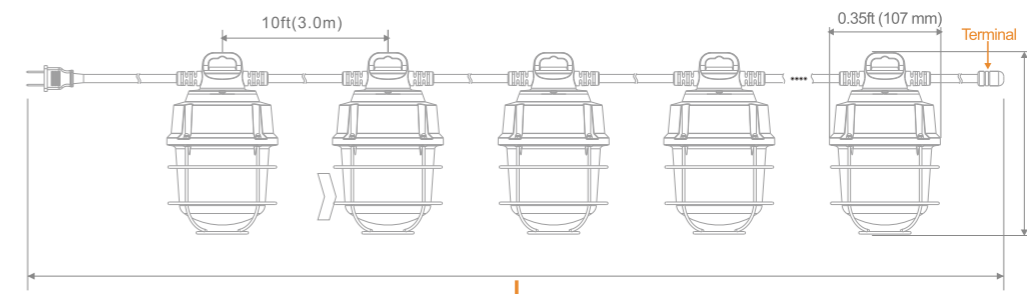
Suitable for wet location (outdoor)



Anti-impact



Portable duffle bag for recycle use



20W

REPLACE



150W

100W=20W \* 5

200W=20W \* 10

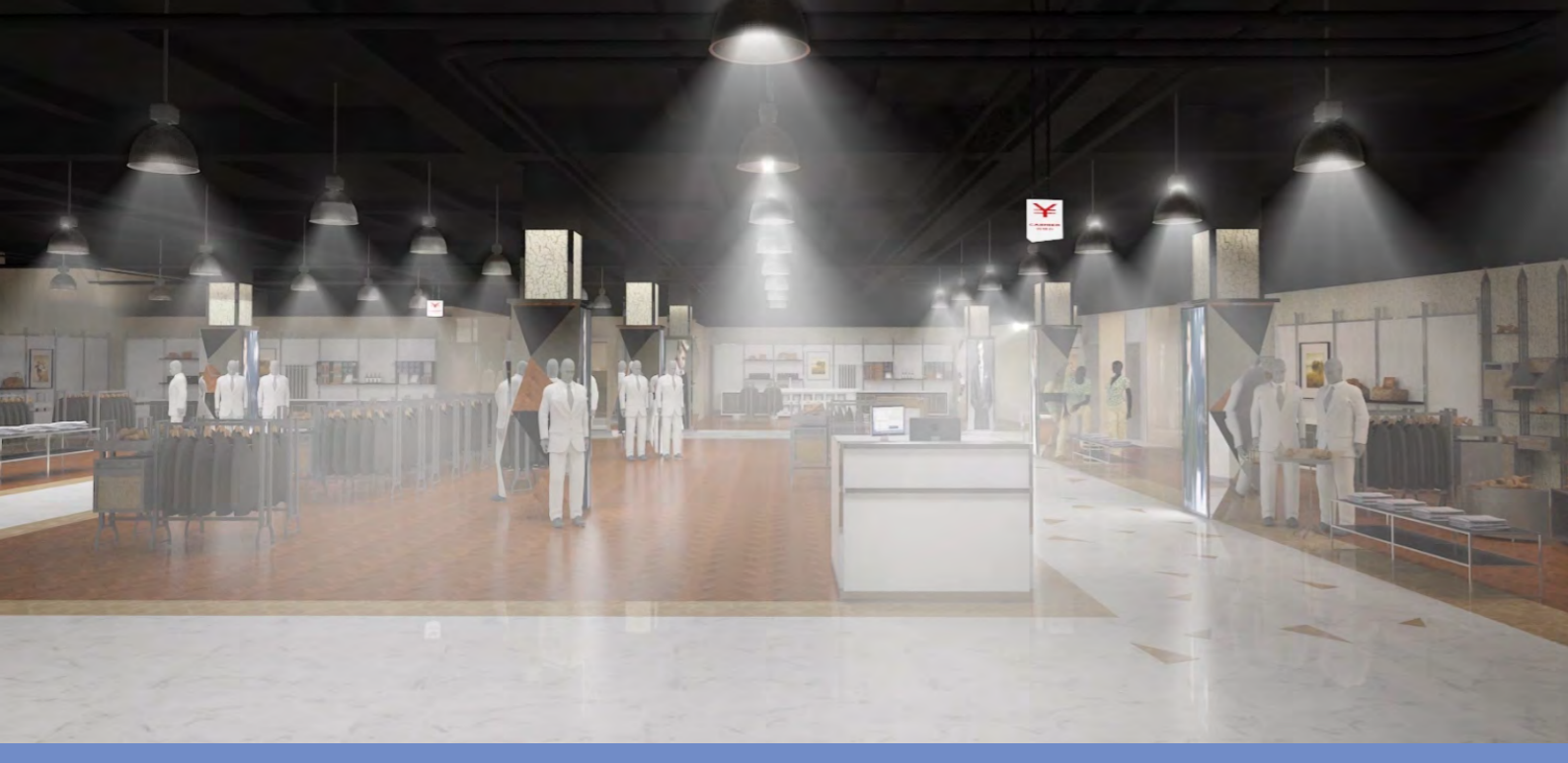
300W=20W \* 15

400W=20W \* 20

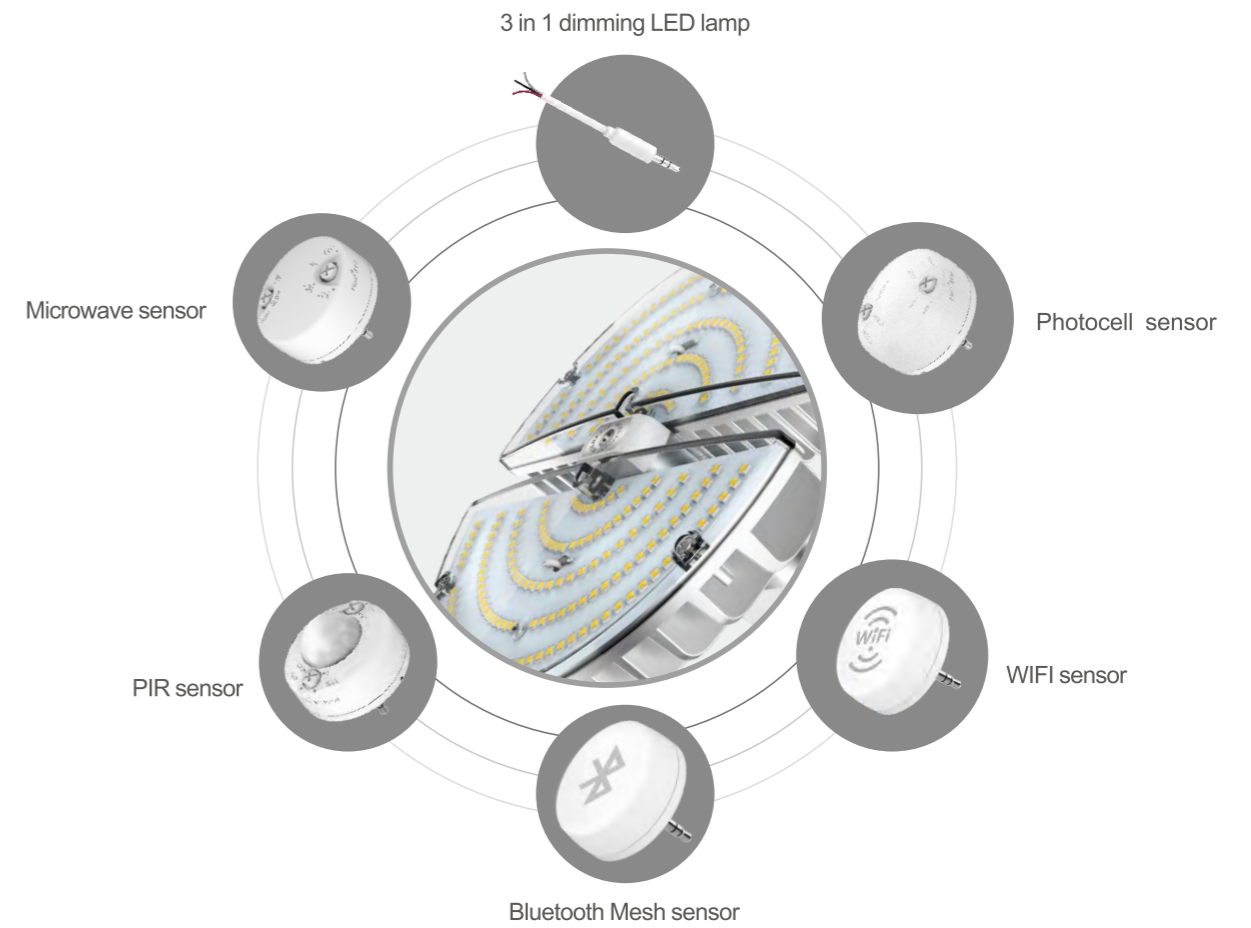
MODEL NO.	VOLTAGE	LUMEN	WEIGHT (1kg=2.2lbs)	EQUAL TO	CERTIFICATE
GKT10-100W	120VAC 50/60Hz	2000lm x5	NW 9.19lbs GW 11.38lbs	150Wx5 Incandescent bulb	LM80 DLC cUL/UL LM79
GKT10-200W	120VAC 50/60Hz	2000lm x10	NW 18.39lbs GW 22.80lbs	150Wx10 Incandescent bulb	LM80 DLC cUL/UL LM79
GKT10-300W	120VAC 50/60Hz	2000lm x15	NW 27.58lbs GW 34.16lbs	150Wx15 Incandescent bulb	LM80 DLC cUL/UL LM79
GKT10-400W	120VAC 50/60Hz	2000lm x20	NW 36.77lbs GW 45.59lbs	150Wx20 Incandescent bulb	LM80 DLC cUL/UL LM79

# 04 HIGH BAY APPLICATION





ONE PRODUCT-MULTIPLE FUNCTIONAL USAGE



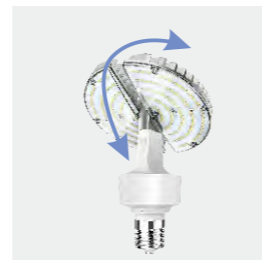
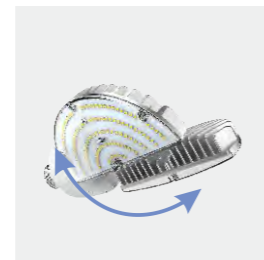
Frequency  
5.8G Hz

INTELLIGENT SENSORS

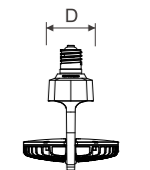
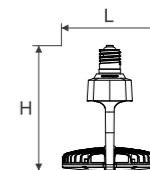
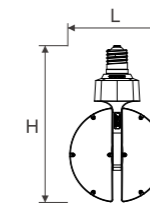
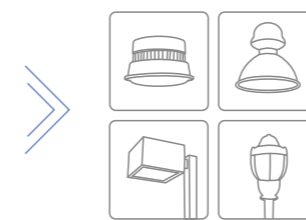
TRANSFORMABLE DESIGN

GKH15

50W 70W 100W



APPLICATIONS



BASE	WATT	50W/70W/100W
E26		ø3.35*7.01*10.79
E27		ø3.35*7.01*10.87
E39		ø3.35*7.01*11.57
E40		ø3.35*7.01*11.73

DxLxH(unit:inch inch x25.4=mm)

BASE	WATT	50W/70W/100W
E26		ø3.35*7.01*9.21
E27		ø3.35*7.01*9.29
E39		ø3.35*7.01*9.37
E40		ø3.35*7.01*9.52

DxLxH(unit:inch inch x25.4=mm)



NO.006505707-0001  
Cn2019201428325

PATENT APPLICATION NO.  
CN2019300433834  
CN2019100725070  
USD16374859  
USD29687162



MODEL NO.	VOLTAGE	LUMEN	WEIGHT (1kg=2.2lbs)	EQUAL TO	CERTIFICATE
GKH15-50W	100-277VAC 50/60Hz	7500±10%	NW 2.42lbs GW 3.08lbs	120W HPS MHL HID	LM80 DLC cUL/UL LM79
GKH15-70W	100-277VAC 50/60Hz	10500±10%	NW 2.42lbs GW 3.08lbs	250W HPS MHL HID	LM80 DLC cUL/UL LM79
GKH15-100W	100-277VAC 50/60Hz	15000±10%	NW 2.42lbs GW 3.08lbs	350W HPS MHL HID	LM80 DLC cUL/UL LM79



## HIGH BAY APPLICATION

GKH16

### ADVANTAGES



Patent thermal management system; lighter weight E39/E40 base both available



5 years warranty



Working temperature: -40°F~140°F(-40°C~60°C)  
50,000hours reliable lifespan



High light efficiency Samsung 2835 120Lm/W



6KV Surge protection



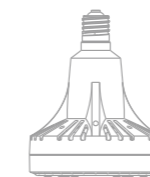
Top quality driver components:  
① ST MOS (Italy & France)  
③ Rubycon capacitor (Japan)

② INFINEON IC chip (Germany)  
④ PANJIT Diodes (Taiwan)

## LED HIGHBAY

GKH16

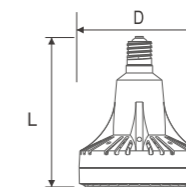
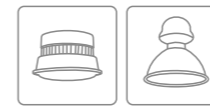
80W 115W



REPLACE



### APPLICATIONS



BASE	WATT	80W	120W
E39		Ø7.48*9.37	Ø8.46*9.55
E40		Ø7.48*9.53	Ø8.46*9.70

DxL(unit:inch inch x25.4=mm)

MODEL NO.	VOLTAGE	LUMEN	WEIGHT (1kg=2.2lbs)	EQUAL TO	CERTIFICATE
GKH16-80W	100-277VAC 50/60Hz	9600±200lm	NW 3.08lbs GW 3.96lbs	250W HPS MHL HID	UL DLC UL1598C
GKH16-115W	100-277VAC 50/60Hz	13800±200lm	NW 3.74lbs GW 4.84lbs	400W HPS MHL HID	UL DLC UL1598C



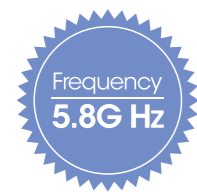


## INTELLIGENT SENSORS

### LED HIGHBAY

GKH10-05

60W 80W 115W



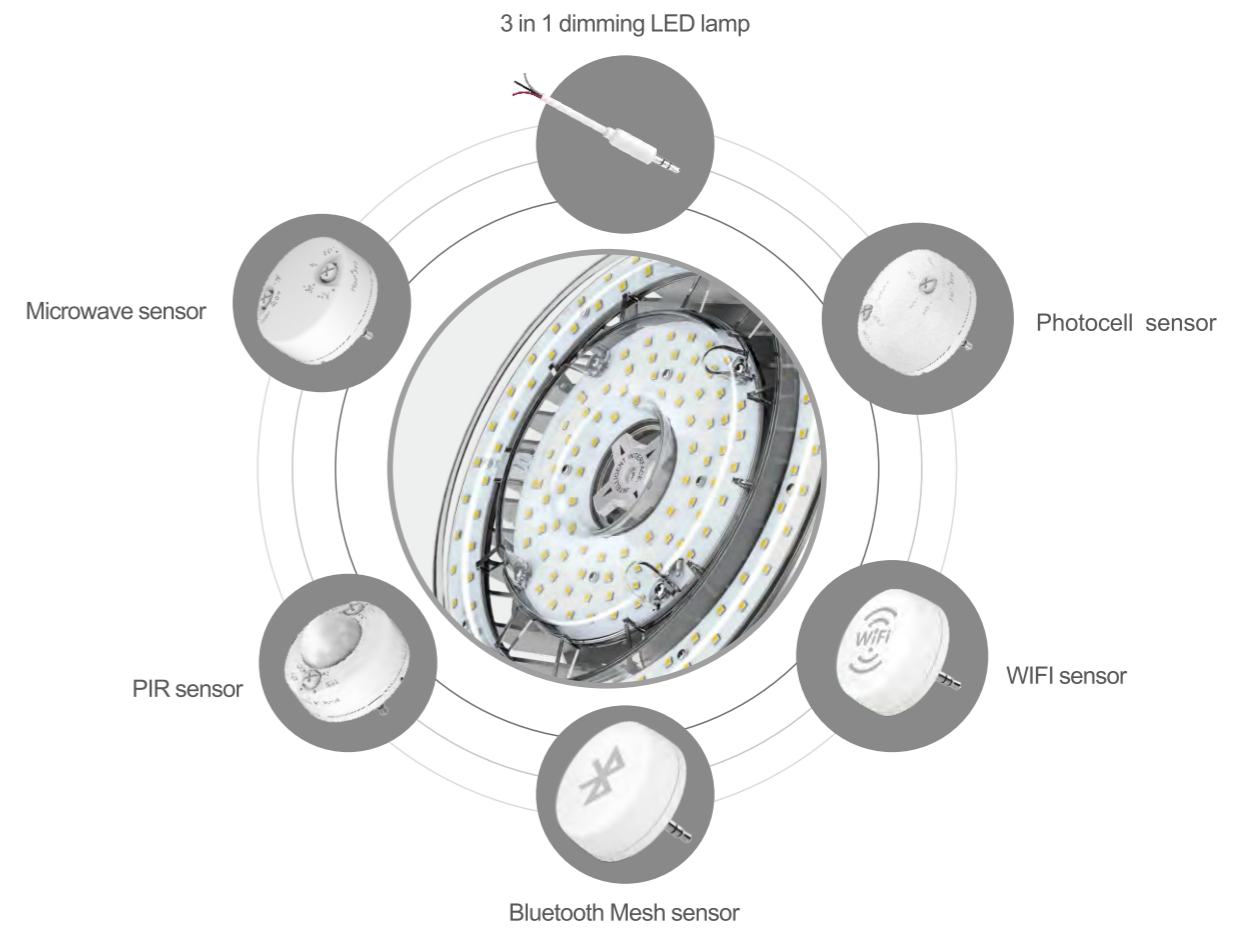
US10292219B2  
CN2018212542917



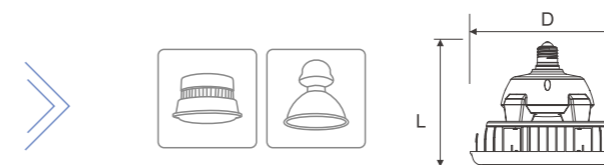
HIGH BAY APPLICATION

GKH10-05

### ONE PRODUCT-MULTIPLE FUNCTIONAL USAGE



### APPLICATIONS



BASE	WATT	60W	80W	115W
E26		Ø6.89*6.34	Ø7.87*6.42	--
E39		Ø6.89*6.93	Ø7.87*6.93	Ø9.06*7.01
EX39		--	Ø7.87*7.01	--

DxL(unit:inch inch x25.4=mm)

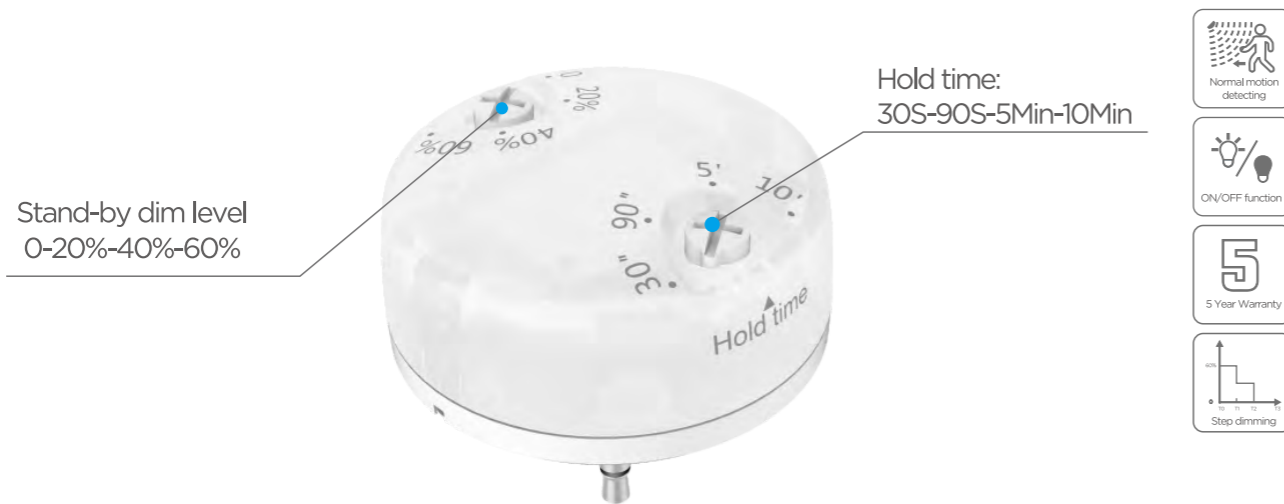
MODEL NO.	VOLTAGE	LUMEN	WEIGHT (1kg=2.2lbs)	EQUAL TO	CERTIFICATE
GKH10-60W-05	100-277VAC 50/60Hz	7800±200lm	NW 2.14lbs GW 2.78lbs	200W HPS MHL HID	UL DLC UL1598C
GKH10-80W-05	100-277VAC 50/60Hz	10400±200lm	NW 2.51lbs GW 3.35lbs	250W HPS MHL HID	UL DLC UL1598C
GKH10-115W-05	100-277VAC 50/60Hz	14950±200lm	NW 3.53lbs GW 4.59lbs	400W HPS MHL HID	UL DLC UL1598C

# 05 ACCESSORIES



# MICROWAVE + PHOTOCELL SENSOR

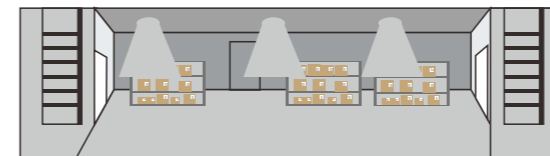
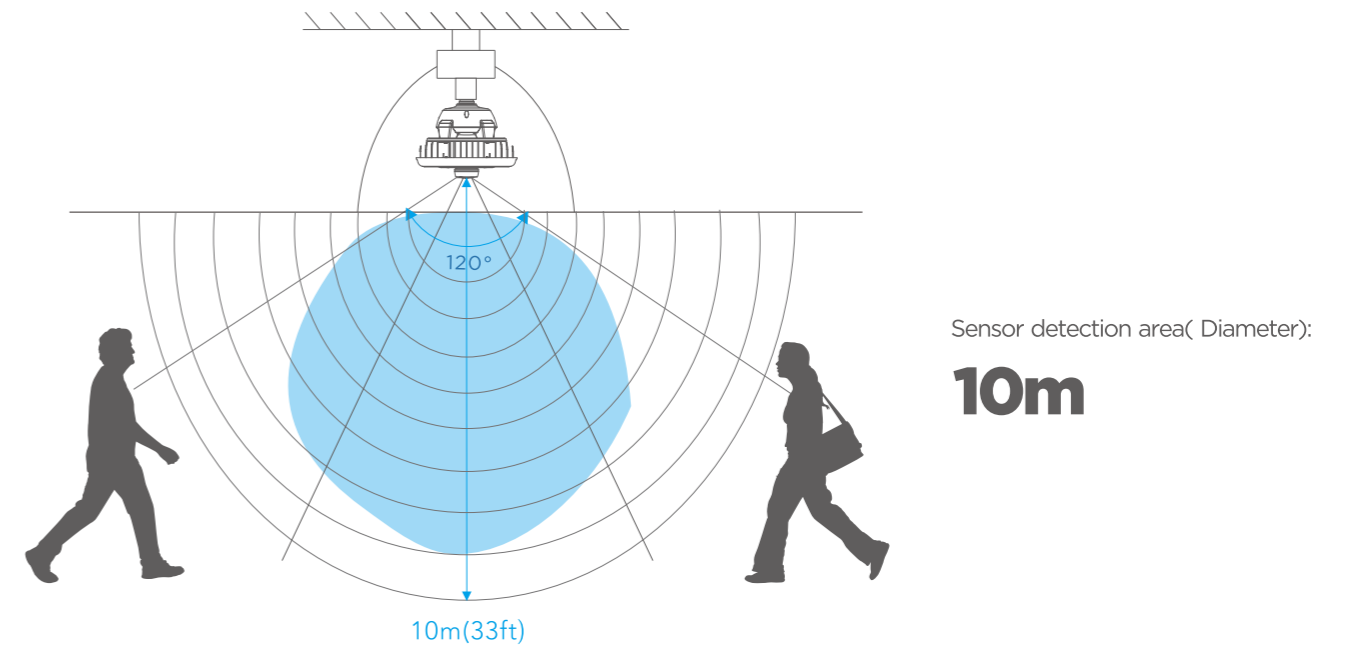
## GKL12-01



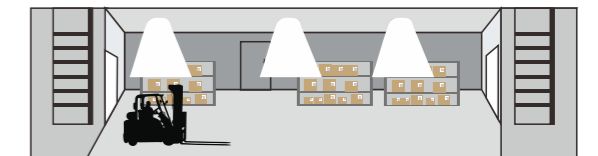
Dimming level: the brightness output 0 / 20% / 40% / 60% ;  
Hold time: the time settings for lamps to remain on

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	IP rating	IP20
Current	20mA	Warranty	5 years
Transmit power	1mW		
Sensing angle	120°(Installation vertically)		

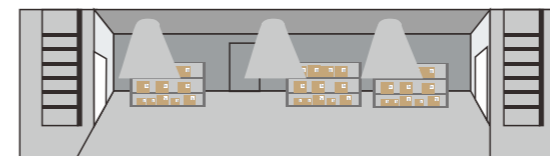
### APPLICATIONS



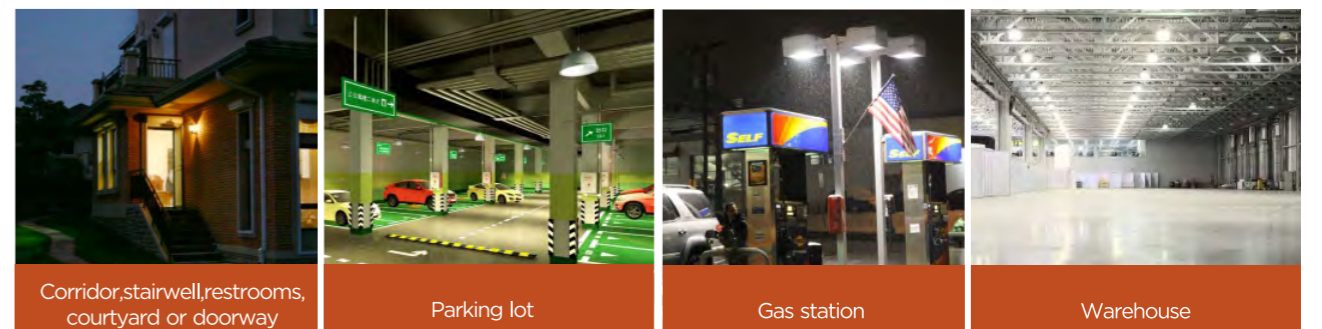
1.Turn on and plug in the sensor module; after 20 seconds automatic detection, if there is no any detected movements, all lamps will be turned down to 0-60% brightness



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.



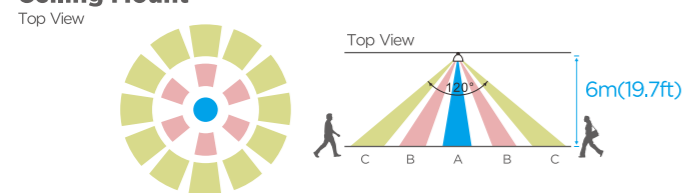
## PIR SENSOR +PHOTOCELL

### GKL09-01

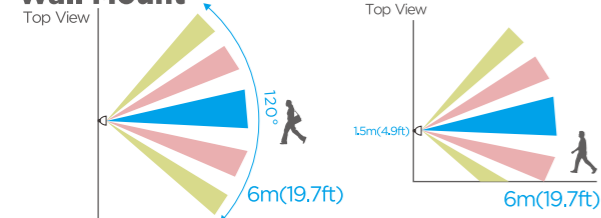


Dimming level: the brightness output 0 / 20% / 40% / 60% ;  
Hold time: the time settings for lamps to remain on

#### Ceiling Mount



#### Wall Mount



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

#### APPLICATIONS



## PHOTOCELL SENSOR

### GKL11-01



Lux: environment natural light lux (50lx or 100lx recommended)  
Hold time: the time settings for lamps to remain on

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

#### APPLICATIONS



## WIFI / BLUETOOTH CONTROL MODULE

### GKL10-01



- APP control
- ON/OFF function
- Automation
- Step dimming
- Scene
- 5 Year Warranty

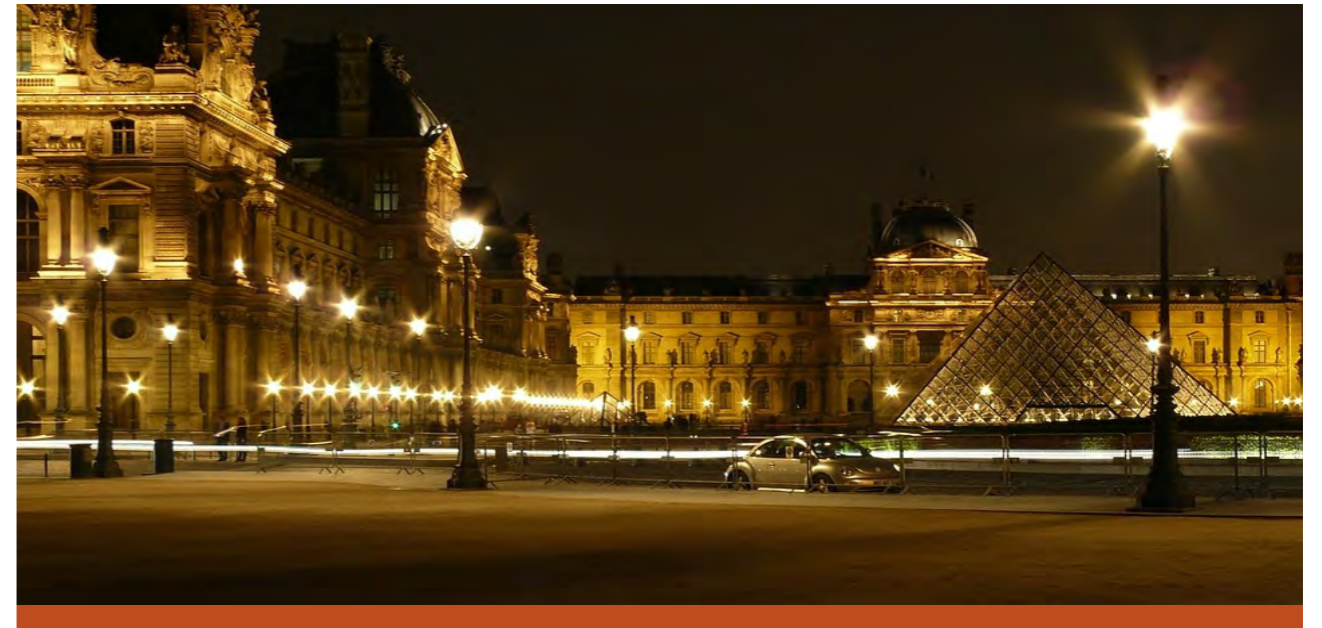
#### Features

- 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

Operating Voltage	15V DC +-2V
Current	20mA
IP rating	IP20
WIFI	2.4GHz

Operating temperature	-20°C - + 60°C -4°F - + 140°F
Lifespan	5 years
OS	Andriod4.2 or newer, IOS8.0 or newer

#### APPLICATIONS



## 3 IN 1 DIMMABLE CABLE

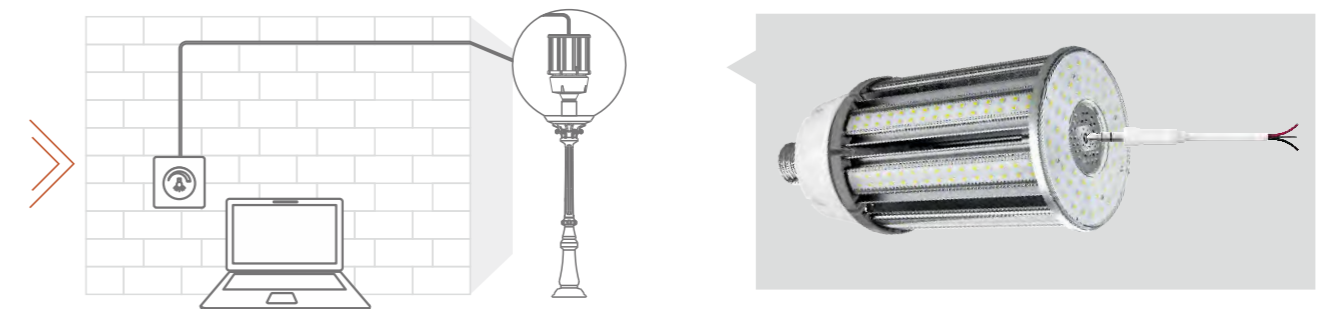
### GKL07



- ON/OFF function
- 5 Year Guarantee
- Step dimming

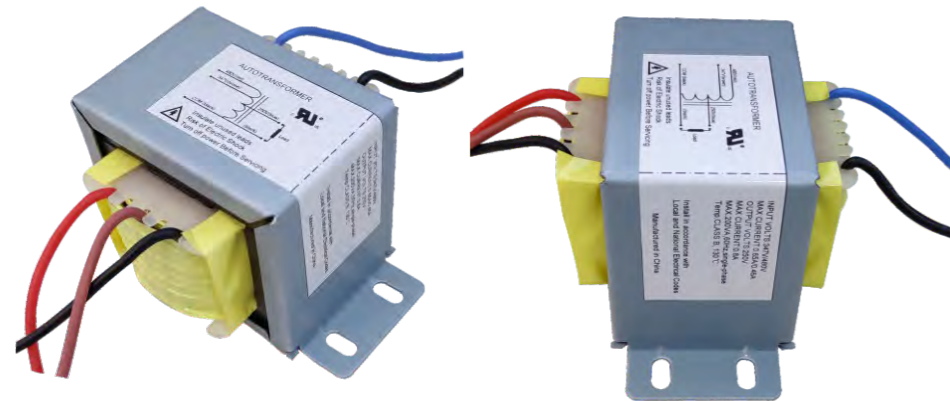
#### APPLICATIONS

3 in 1 dimming LED lamp  
 0-10V Dimming | PWM Dimming | Resistance dimming



# STEP DOWN AUTO-TRANSFORMER

## GKL13



### DESCRIPTION

GK's 480V to 277V Step-Down Auto-Transformers are designed to step down 480V to 277V single-phase power. These transformers enable consumers to utilize common universal voltage (120-277V) electronic ballasts in applications where the main facility power is 480V.

<b>INPUT VOLTAGE:</b> 480 or 347VAC ± 10%
<b>INPUT FREQUENCY:</b> 60 Hz
<b>MAXIMUM POWER:</b> 200 (VA) for 480V Applications 200 (VA) for 347V Applications
<b>WARRANTY:</b> 5 Years

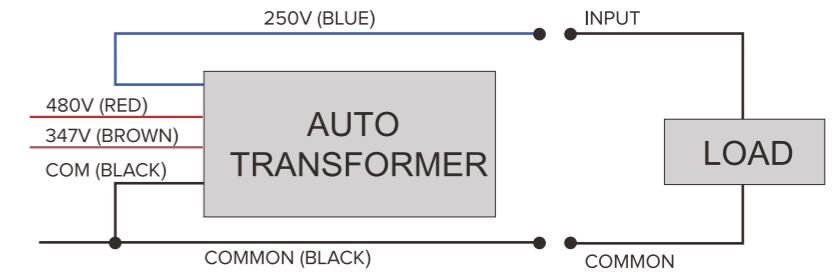
### PRODUCT FEATURES

- Non-Isolated Auto-transformer
- 5 Year Limited Warranty
- For Use with T5, T8, LED, CFL, or Electronic HID Ballast operating at 277V Input Voltage
- Insulation Rating: 105°C Class A
- Thermally Protected

### ELECTRICAL SPECIFICATIONS

INPUT CHARACTERISTICS		OUTPUT CHARACTERISTICS		
Input Voltage	Input Current at Max Load	Output Voltage	Maximum Load	Maximum Output Current
480V	0.46V	250V	200VA	0.8A
347V	0.65V	250V	200VA	0.8A

### WIRING DIAGRAM



### MECHANICAL SPECIFICATIONS

#### CASE DIMENSIONS

	<b>LENGTH</b>	100mm
	<b>WIDTH</b>	47mm
	<b>HEIGHT</b>	57mm
	<b>MOUNTING</b>	95mm

#### STANDARD LEAD LENGTHS\*

<b>BLACK</b>	200mm
<b>YELLOW</b>	200mm
<b>WHITE</b>	200mm
<b>VIOLET</b>	200mm





## SURGE PROTECTIVE DEVICES For LED Power Supply system

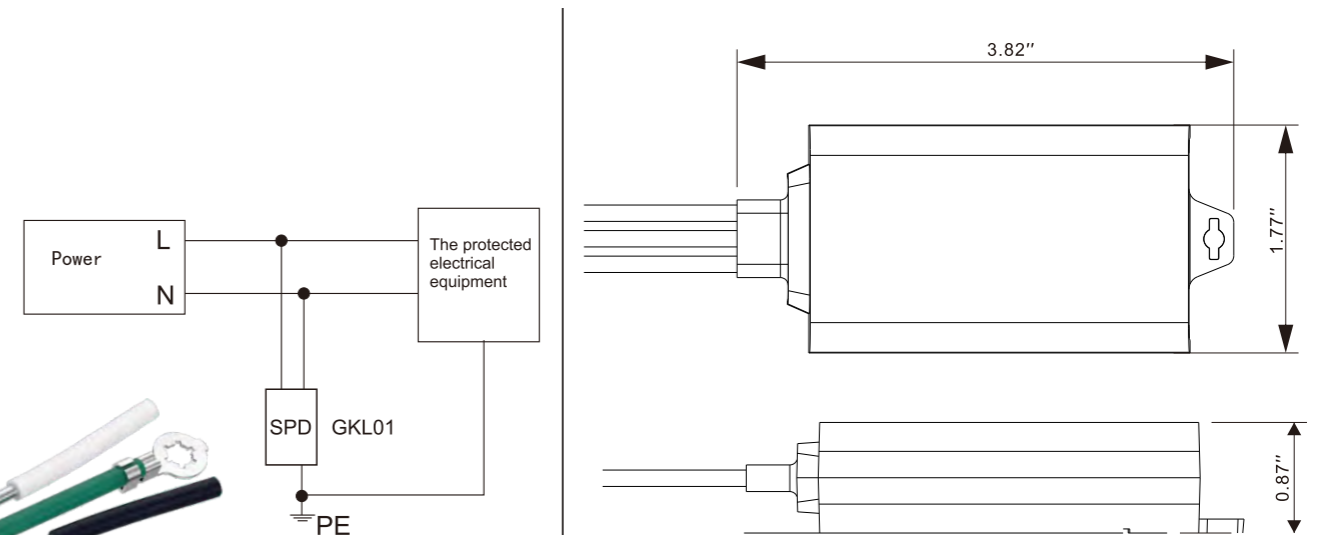
— GKL01



### ACCESSORIES

### GKL01

LED Street Lights Power SPD: GKL01 designed for protecting 100-277V AC LED Driver and could be connected perfectly with its input port, sealed enclosure, waterproof and dustproof, IP65 protection grade, belongs to Class III power SPD. This SPD use common mode, differential mode, full protection with leakage current and cut the overcurrent capabilities. The product size small, 97x45x22mm(includes mounting holes), using parallel wiring, attached with L, N and PE cable, very convenient in installing. The maximum discharge current is 10kA/line, nominal discharge current is 5kA/line, able to withstand voltage 15kV, the level of protection is below 1.1kV, especially good for protecting LED Street lights form lightning surge damage.



Type		GKL01
Nominal operating voltage	Un	100~277V AC
Rated voltage (max.Continuous voltage)	Uc	300V
Norminal discharge current(8/20μs)	In	5kA
Max. discharge current (8/20μs)	Imax	10kA
Nominal discharge voltage	Vn	10kV
Maximum discharge voltage	Vmax	15kV
Voltage protection level	Up	1.1kV
Response time	ta	25ns
Max. Backup fuse		16A gL/gG
Cross-section area		1.5mm <sup>2</sup> flexible
Mounting on		Custom
Enclosure material		Thermoplastic
Test standards		IEC 60950-1/IEC62368-1 IEC 60065 test standard
Outer casing protection grade		IP65