



## FEATURES

- Honeycomb briquette burning effect and the whole structure cooling technology;
- Double-coupling IP68 protection, highest waterproof level;
- Modular pluggable technology, easy tool onsite maintenance;
- Intelligent constant current driving technology, long life span;
- All metal structure, built-in driver, easy for maintenance;
- Ergonomic light distribution to achieve uniform illuminating effect.

## APPLICATIONS

- Garden/Park/Courtyard lighting
- Street/School/Residential area lighting

## SPECIFICATION

Air Convection Effect

Whole-structure Heat Dissipation

Tool-less Maintenance

Double-coupling IP68 Protection

High-efficacy LED Light Source

Flexible Combinations of Modules

## PHOTOS



## FINISHING COLORS



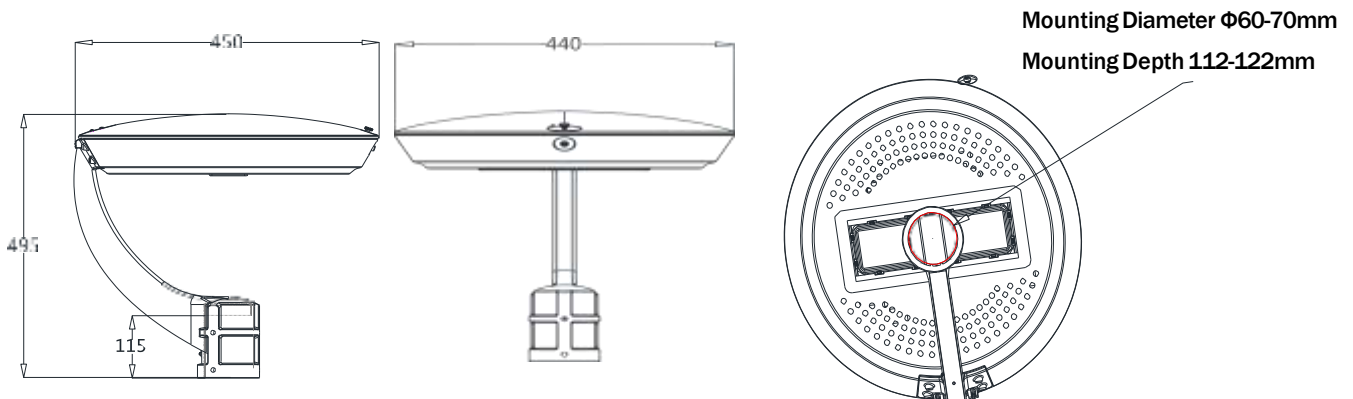
### ORDERING INFORMATION

Example: GL1AS-1-60-GY-M1L-3501-7-40-IN

<b>Ordering Information</b>	GL 1A 1 - 60 GY - M1 L 3501 - 7 40 - IN
	1 2 3 4 5 6 7 8 9 10 11
1. Luminary Type	T: Street light TS: Tunnel light TF: High bay light FL: Flood light GL: Garden light
2. Luminary Series	1A 1B 1D 1F 2A 2C 3A 3B .....
3. Module Qty	N: Non-modular luminary 1: 1 module 2: 2 modules 3: 3 modules 4: 4 modules .....
4. System Power	10: 10W 20: 20W 30: 30W 40: 40W 50: 50W .....
5. Housing Color	BK: Black WH: White GY: Grey SR: Silver BU: Blue BUWH: Blue top & White base BUGY: Blue top & Grey base OTH: Other
6. Module Series	Blank: Non-modular luminary M1: M1 module M2: M2 module M5: M5 module .....
7. LED Brand	X: Customized LEDs L: LUMILEDS C: CREE O: OSRAM N: NICHIA S: SAMSUNG
8. Lens Code	3501 3100 3702 3910 2701 5703 3040 1812 1412 .....
9. CRI	6: ≥60 7: ≥70 8: ≥80 9: ≥90 OTH: Other
10. CCT	30: 3000K 40: 4000K 50: 5000K 57: 5700K
11. Driver Brand	MO: MOSO MW: MEAN WELL PH: PHILIPS IN: INVENTRONICS AD: ADAYO OTH: Other

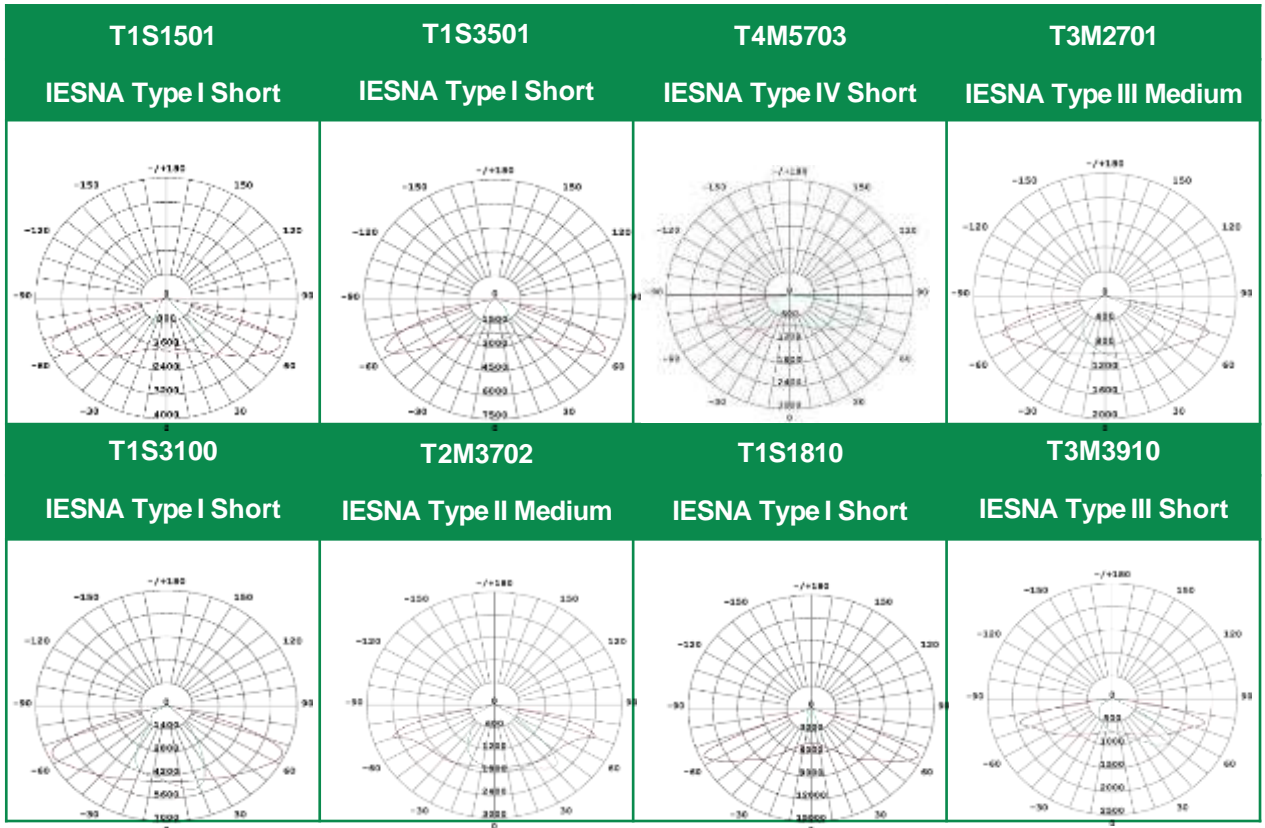
\*Ordering information is for reference only. Some product configurations are not available. Please consult Specifications for specific product availability and for further details.

### DIMENSIONS



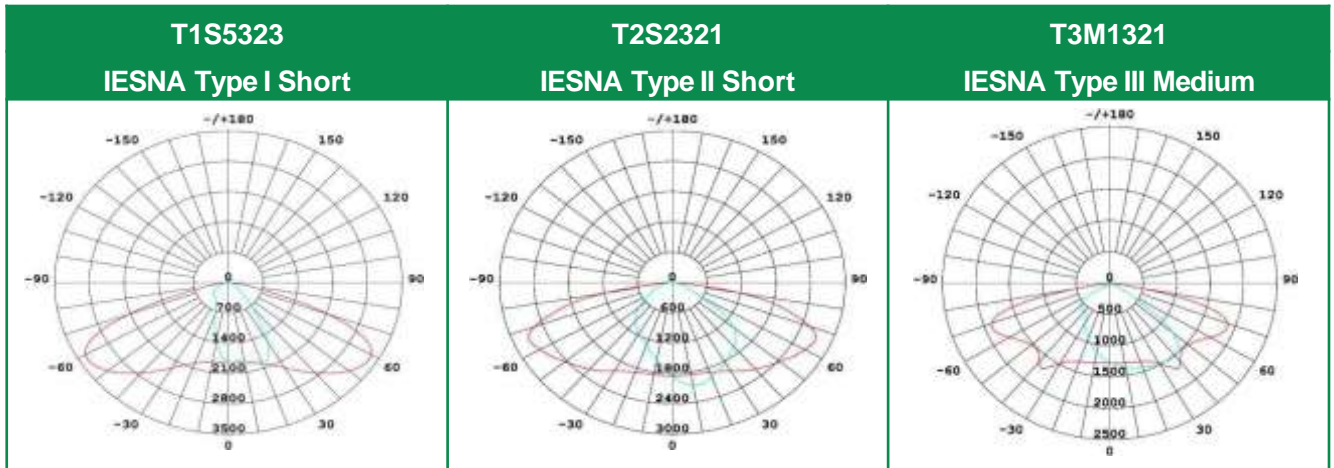
### LIGHT DISTRIBUTIONS

- M1 Series Module



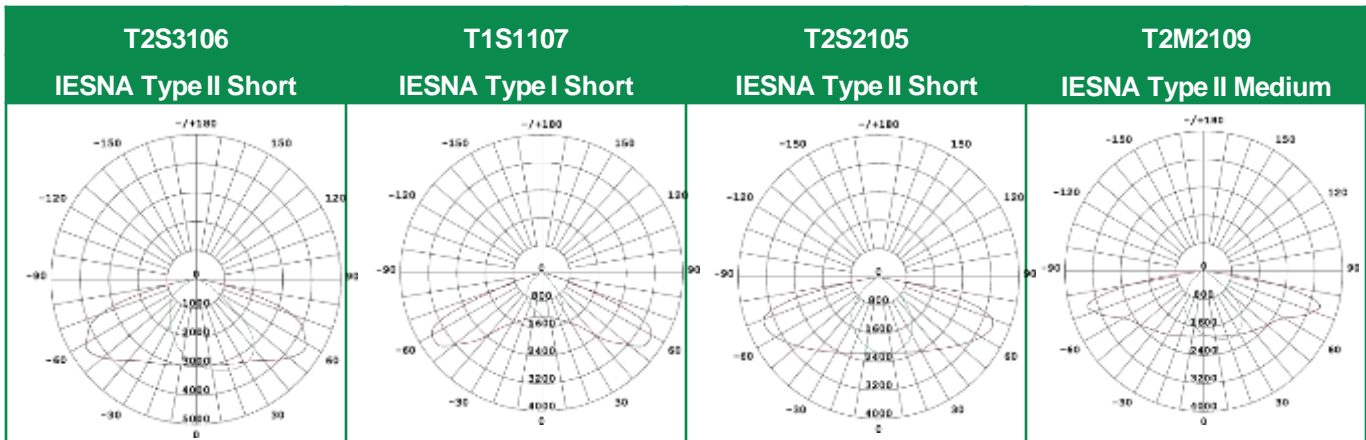
### LIGHT DISTRIBUTIONS

- M8 Series Module



### LIGHT DISTRIBUTIONS

- M8 Series Module



## INSTALLATION AND MAINTENANCE

### INSTALLATION



1. Put the wire through the bent arm.



2. Fix the bent arm to the luminaire with four M6x20 screws.



3. Put the wire through the light pole.



4. Connect to the AC power cable (make sure it sufficiently grounded).



5. Tighten up six M8x35 screws on the mounting base.  
Installation finished.

## MAINTENANCE

### DRIVER & ELECTRICAL PARTS



1. Manually unscrew the screw on the top cover.



2. Disconnect the driver from the connector to modules.



3. Unscrew the two M4x6 cross recessed pan head screws at the ends of the failed driver.



4. Unscrew the two M4x6 cross recessed pan head screws on the end of surge protector.



5. Unscrew the M3x6 screw at the end of grounding wire of surge protector.



6. Unscrew the M4x6 cross recessed pan head screws on the clip.



7. Twist Off the two-way cable connector and unscrew the M4x6 screws inside.



8. Replace the failed driver set with a new one.



9. Connect and tighten up each part back step by step. Maintenance finished.

MAINTENANCE  
MODULE

1. Manually unscrew the screw on the top cover.



2. Disconnect the module from the connector to driver.



3. Unscrew the two M4x10 screws on the end of failed module.



4. Replace the failed module set with a new one.



5. Connect and tighten up each part back step by step. Maintenance finished.



### CABLE CONNECTION



1. Connect the male and female connectors by aligning the indicative arrow on them.



2. Hold the nut on one terminal still, meanwhile, rotating clockwise till the one on the other terminals is tightened up. Otherwise the waterproof performance might be affected.

### WIRING

Power Supply End	Earth wire	Neutral wire	Live wire
Fixture End	Yellow-green lead	Blue lead	Brown lead
	Green lead	White lead	Black lead

### CAUTION

Disconnect or turn off power before installation, maintenance and wiring.  
Cable connection must be insulated and waterproof.

For luminaires with glass cover: the cover is made of tempered glass which shatters into small pieces without sharp edges when it breaks. Application condition: -30°C~100°C; maximum temperature rise  $\Delta t 60^{\circ}\text{C}$ .

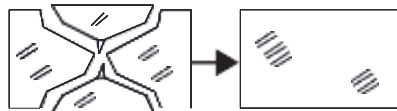
The light source of this luminaire is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaire that should be replaced.

Warning: Danger! Electric shock risk!

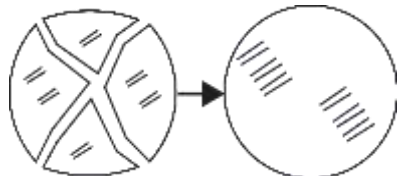
(via IEC 60417-6042 (2011-11) )



For luminaires with glass cover: The broken cover should be replaced. Rectangle



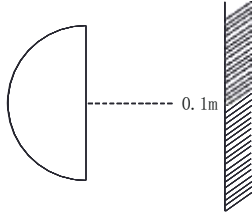
Round





## INSTALLATION AND MAINTENANCE

Minimum distance from the light source to the illuminated object: 0.1m.



The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling

## REMARKS:

- 1.This luminaire uses permanent connection on power supply with flexible cable and wires (60245 IEC57). Sufficient length of cable is reserved for connection to AC power. Protection over the connection joint and elimination of tensile force there should be ensured.
- 2.This luminaire uses type Z attachment: the external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
- 3.Wiring: the connection to AC power should be operated on terminal blocks in a wiring box with a degree of protection at least equivalent to the luminaire, and there should be devices to fixate wires.
- 4.The luminaire can be mounted onto ordinary combustible surfaces.