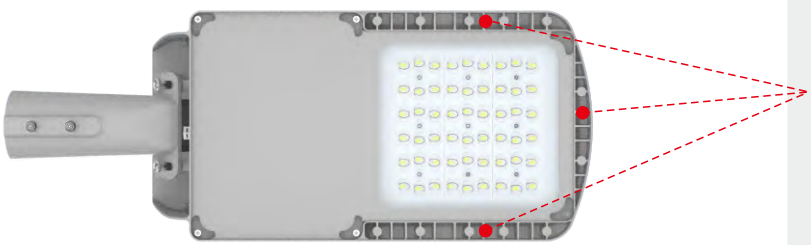

Pan American
Professional Lighting Manufacturer
ST-Y
Ideal Solution for
LED Street Lighting.
The ST-Y LED street light is an economical energy-saving and flexible scenarios street light with outstanding performance, fit with a wide range of applications such as highway, roadways, avenues, walking pathways, car parks, etc.
CE CB RoHS



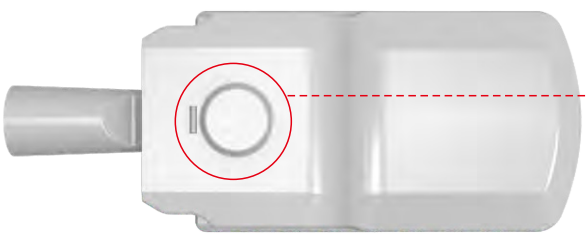
ST-Y1 ST-Y2 ST-Y3 ST-Y4 ST-Y5

Features

- Patent private model
- Die cast aluminum housing, great corrosion resistance
- Honeycomb-shape heat sink, excellent heat dissipation
- IP66 rating, ideal for damp locations
- Horizontal and vertical installation can be selected



Honeycomb-shape heat sink, the subtle design promotes heat dissipation efficiency, improve lamp service life.



Photocell available. A sensor mounting hole is reserved on the top to facilitate future installation.





IP66 IK08 DIMMABLE 5 years warranty 140 lm/W

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Add: Building 6, Zhongtang Tian'an Digital City, No. 88 Jinyuan Road, Zhongtang Town, Dongguan, Guangdong . Zip code 523220

Technical Parameter

- Electrical

Specification	ST-Y1	ST-Y2	ST-Y3	ST-Y4	ST-Y5
Rated Power*	30W/40W/50W/60W	60W/70W/80W	70W/80W/90W/100W/110W/120W/150W	100W/120W/140W/160W/180W	160W/180W/200W/220W/240W
Input Voltage	AC200-240V				
Input Frequency	50/60Hz				
Power Factor	0.95				
Power Supply	Sosen/Philips				
Surge Protection	10kV (Standard)/20kV (Optional)				

- Optical

Specification	ST-Y1	ST-Y2	ST-Y3	ST-Y4	ST-Y5
Lumen Output (lm,±10%)	4200-8400	8400-11200	9800-21000	14000-25200	22400-33600
Lumens Per Watt @Ra70	140Lm/W (standard); 160Lm/W (optional)				
CCT	Warm white 2700-3500K/Natural white 4000-4500K/CCold white 5000-6500K				
CRI	>70				
Beam Angle	T2M/T3M/T4M				
Dimming	0/1-10V dimming (optional)				
Sensor	No sensor (standard); Photocell (optional)				
Intelligent Control	DALI (optional)				

- Warranty and Lifespan

Specification	ST-Y1	ST-Y2	ST-Y3	ST-Y4	ST-Y5
Warranty	5-year design lifespan				
Lifespan	50,000 hours L70B50@25°C				

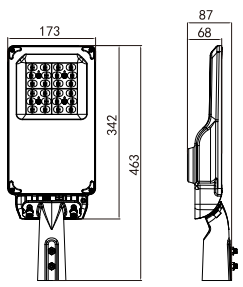
- Environmental

Specification	ST-Y1	ST-Y2	ST-Y3	ST-Y4	ST-Y5
Ambient Temperature	-40°C to 50°C (-40°F to 122°F)				
Ambient Humidity	20%-95%				
Storage Temperature	-40°C to 60°C (-40°F to 140°F)				
Storage Humidity	10%-80%				

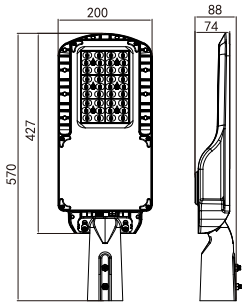
- Mechanical

Specification	ST-Y1	ST-Y2	ST-Y3	ST-Y4	ST-Y5
Housing Material	Die cast aluminum ADC12				
Lens Material	Polycarbonate (PC)				
Mounting	Horizontal or vertical installation				
Protection	IP66				
Certification	CE, CB, RoHS				

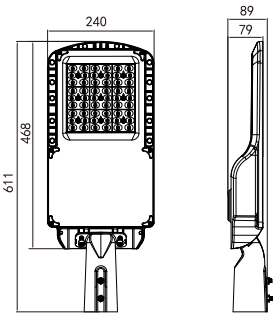
Product Dimension (Unit: mm)



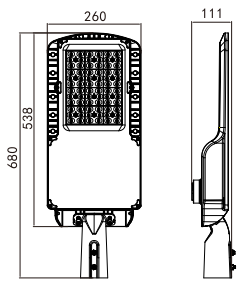
ST-Y1



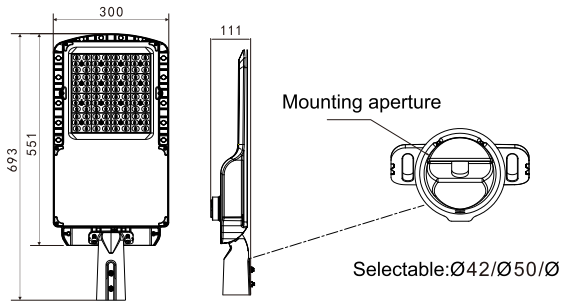
ST-Y2



ST-Y3



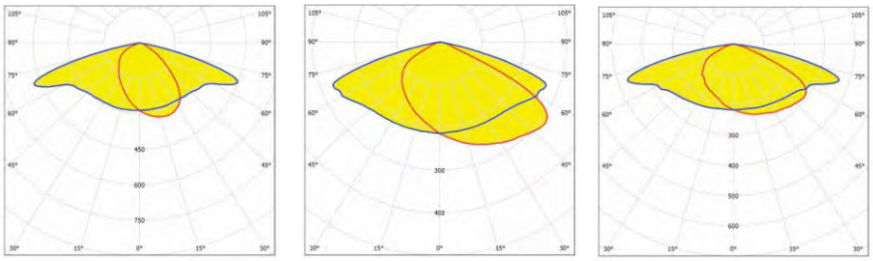
ST-Y4



ST-Y5

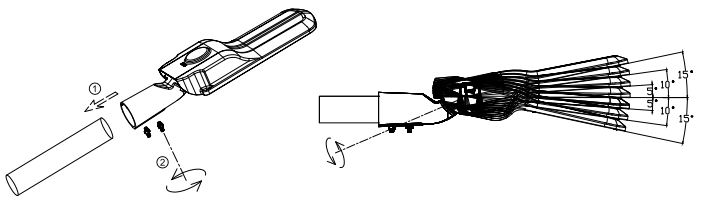
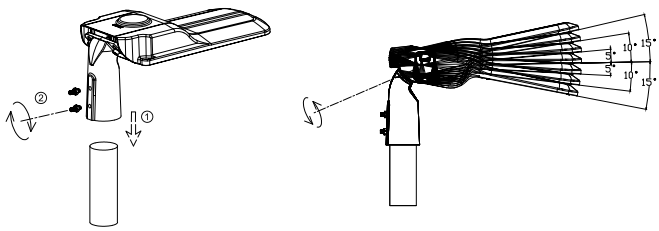
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Photometry



T2M T3M T4M

Installation

	
Horizontal Mount	Vertical Mount

Adjustable tilt angle: ±0-5-10-15°

Ordering Guide

ST-Y N xxx W UU Z GG I

1 2 3 4 5 6 7

1. Product Series	2. Product Number	3. Rated Power	4. CCT	5. Dimming Option	6. Light Pattern	7. Input Voltage
ST-Y series	1 2 3 4 5	Can be 030 to 240, 030=30W, 040=40W, ...	27=2700K 30=3000K 40=4000K 45=4500K 50=5000K 55=5500K 60=6000K 65=6500K	D=Dimmable N=Non-dimmable	T2M=Type 2 T3M=Type 3 T4M=Type 4	A=AC200-240V
Example: ST-Y3120W50DT2MA						
ST-Y	**3**	**120W**	**50**	**D**	**T2M**	**A**
ST-Y series	Product number: 3	Rated power: 120W	CCT: 5000K	Dimmable	Beam angle: T2M	Input voltage: AC200-240V

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Packing Information

Model	Product Dimension	Quantity/Carton	Net Weight	Gross Weight	Package Dimension (LxWxH)
ST-Y1	463x173x87mm	1 piece	2.54kg	3.0kg	530x206x150mm
ST-Y2	570x200x88mm	1 piece	3.3kg	3.8kg	603x235x135mm
ST-Y3	611x240x89mm	1 piece	4.2kg	4.9kg	646x275x135mm
ST-Y4	680x260x89mm	1 piece	5.0kg	5.8kg	716x295x135mm
ST-Y5	693x300x90mm	1 piece	5.9kg	6.8kg	727x335x135mm

Applications

- Urban & residential streets
- Pedestrian paths
- Highways
- Car parks
- Squares
- Trunk road
- Industrial park






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