Pan American

Professional Lighting Manufacturer

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Specification

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LED STREET LIGHT I SERIES

Class I

50W/80W/100W/150W/200W/250W/300W

CE CB ENEC SAA ErP RoHS



Light sensor

Tempered glass with face cover

Tempered glass with four pressurized plate

This highly efficient, low energy-consumption street light is designed to bring you convenience and safety at outdoor areas. Aesthetic factors are considered in the design in order to beautify the city landscape. Technology innovations are made to ensure that the light can withstand tough environments, and to reduce the maintenance cost to the minimum.

ORDERING INFORMATION

ST	xxxW	Ii	x	y	z	p
Street Light	Wattage 50W 80W/100W 150W 200W/250W 300W	I Series Ii=I1/I2/I3/I4/I5	x can be N or D N=non-dimmable D=dimmable	y can be 27 to 65 27=2700K 30=3000K 40=4000K 50=5000K ------- 65=6500K	z can be T2, T3, T4, T5	p indicates driver brand, can be Z, M, F, L, S, D

LED STREET LIGHT

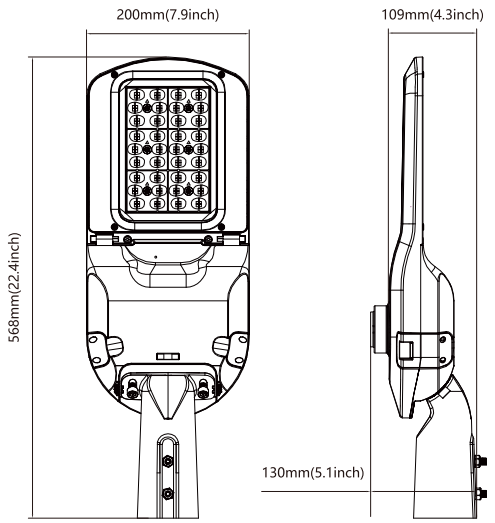
I1



IP66 IK08 DIMMABLE 5 year warranty

CE CB EN18 SAA ErP RoHS

ST-xxxW I1xyzp	
Input Voltage	AC200-240V
Power Consumption(±5%)	50W
Power Factor	≥0.95
Surge Protection	10KV
Driver	Philips/LiFud/Meanwell
Intelligent Control	0-10V/1-10V Dimmable/DALI/Photocell
LED Chip	3030/5050
Efficency (±10%)	130lm/W 150lm/W 170lm/W
CCT	2700K-6500K
CRI	>70
Beam Angle	T2, T3, T4, T5
IP Rating	IP66
IK Rating	IK08
EPA	0.13Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)
Lifespan	50,000 Hours
Warranty	5 Years
Housing Material	ADC12
Net Weight	4.45kg(9.8lbs)
Gross Weight	5.5kg(12.1lbs)
Product Dimension	568x200x109mm(22.4x7.9x4.3inch)
Packing Size	623x255x150mm(24.5x10.0x5.9inch)



LED STREET LIGHT

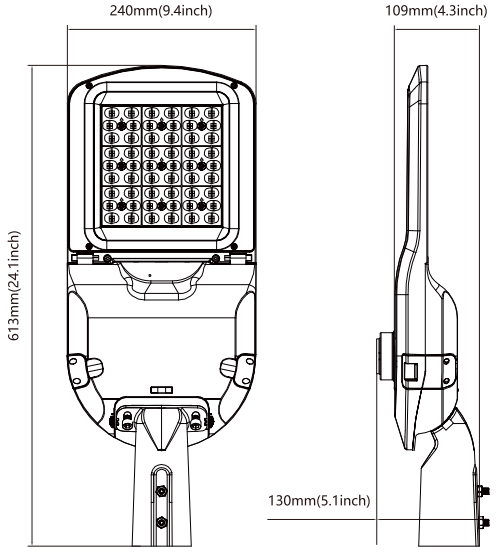
I2



IP66 IK08 DIMMABLE 5 year warranty

CE CB ENEC18 SAA ErP RoHS

ST-xxxW I2xyzp	
Input Voltage	AC200-240V
Power Consumption(±5%)	80W/100W
Power Factor	≥0.95
Surge Protection	10KV
Driver	Philips/LiFud/Meanwell
Intelligent Control	0-10V/1-10V Dimmable/DALI/Photocell
LED Chip	3030/5050
Efficency (±10%)	130lm/W 150lm/W 170lm/W
CCT	2700K-6500K
CRI	>70
Beam Angle	T2, T3, T4, T5
IP Rating	IP66
IK Rating	IK10
EPA	0.17Ft²
Working Temperature	-40˚C(-40˚F) - +50˚C(122˚F)
Lifespan	50,000 Hours
Warranty	5 Years
Housing Material	ADC12
Net Weight	5.2kg(11.5lbs)
Gross Weight	6.3kg(13.9lbs)
Product Dimension	613x240x109mm(24.1x9.5x4.3inch)
Packing Size	666x295x150mm(26.2x11.6x5.9inch)



LED STREET LIGHT

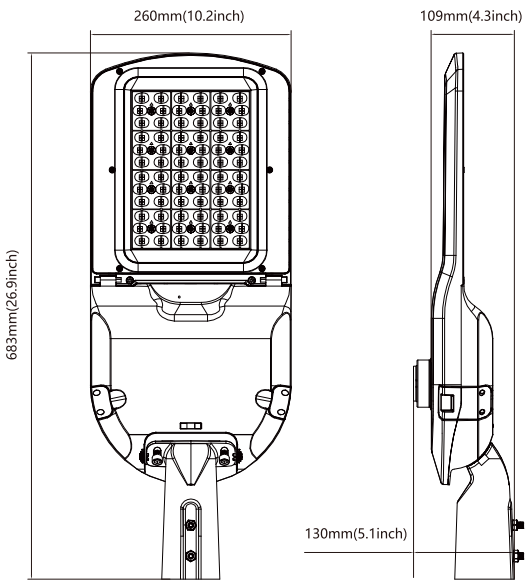
I3



IP66 IK08 DIMMABLE 5 year warranty

CE CB ENEC SAA ErP RoHS

ST-xxxW I3xyzp	
Input Voltage	AC200-240V
Power Consumption(±5%)	150W
Power Factor	≥0.95
Surge Protection	10KV
Driver	Philips/LiFud/Meanwell
Intelligent Control	0-10V/1-10V Dimmable/DALI/Photocell
LED Chip	3030/5050
Efficency (±10%)	130lm/W 150lm/W 170lm/W
CCT	2700K-6500K
CRI	>70
Beam Angle	T2, T3, T4, T5
IP Rating	IP66
IK Rating	IK10
EPA	0.21Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)
Lifespan	50,000 Hours
Warranty	5 Years
Housing Material	ADC12
Net Weight	6.1kg(13.4lbs)
Gross Weight	7.6kg(16.8lbs)
Product Dimension	683x260x109mm(26.9x10.2x4.3inch)
Packing Size	736x315x150mm(29.0x12.4x5.9inch)



LED STREET LIGHT

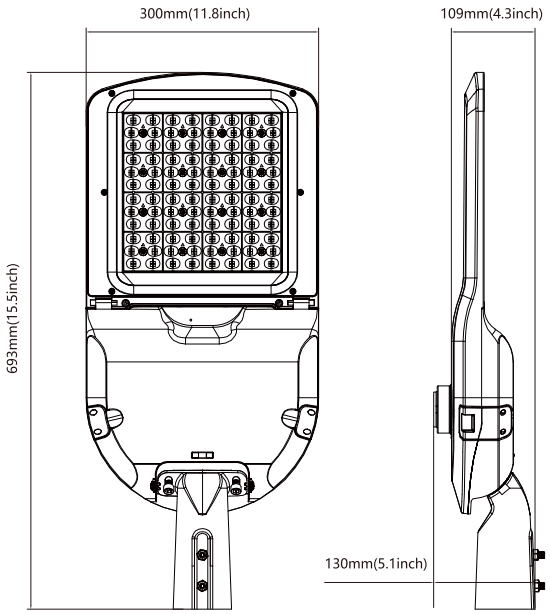
I4



IP66 IK08 DIMMABLE 5 year warranty

CE CB ENEC SAA ErP RoHS

ST-xxxW I4xyzp	
Input Voltage	AC200-240V
Power Consumption(±5%)	200W/250W
Power Factor	≥0.95
Surge Protection	10KV
Driver	Philips/LiFud/Meanwell
Intelligent Control	0-10V/1-10V Dimmable/DALI/Photocell
LED Chip	3030/5050
Efficency (±10%)	130lm/W 150lm/W 170lm/W
CCT	2700K-6500K
CRI	>70
Beam Angle	T2, T3, T4, T5
IP Rating	IP66
IK Rating	IK10
EPA	0.25Ft²
Working Temperature	-40˚C(-40˚F) - +50˚C(122˚F)
Lifespan	50,000 Hours
Warranty	5 Years
Housing Material	ADC12
Net Weight	6.5kg(14.3lbs)
Gross Weight	8.2kg(18.1lbs)
Product Dimension	693x300x109mm(27.3x11.8x4.3inch)
Packing Size	747x355x150mm(29.4x14.0x5.9inch)



LED STREET LIGHT

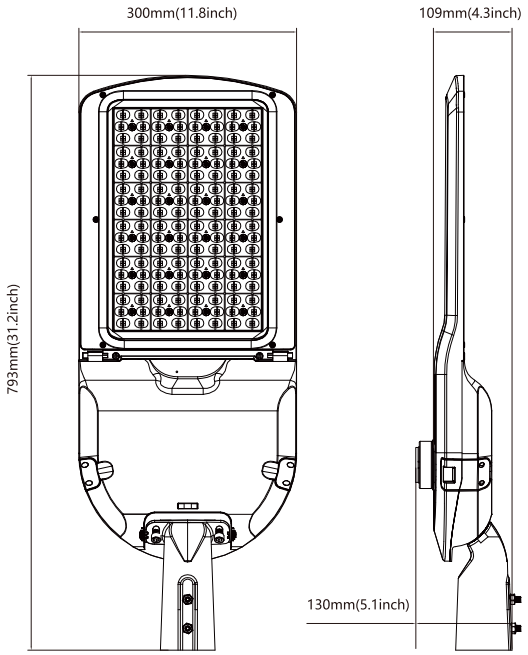
I5



IP66 IK08 DIMMABLE 5 year warranty

CE CB ENEC SAA ErP RoHS

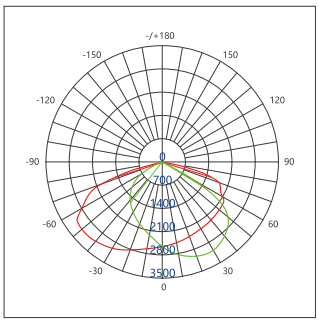
ST-xxxW I5xyzp	
Input Voltage	AC200-240V
Power Consumption(±5%)	300W
Power Factor	≥0.95
Surge Protection	10KV
Driver	Philips/LiFud/Meanwell
Intelligent Control	0-10V/1-10V Dimmable/DALI/Photocell
LED Chip	3030/5050
Efficency (±10%)	130lm/W 150lm/W 170lm/W
CCT	2700K-6500K
CRI	>70
Beam Angle	T2, T3, T4, T5
IP Rating	IP66
IK Rating	IK08
EPA	0.3Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)
Lifespan	50,000 Hours
Warranty	5 Years
Housing Material	ADC12
Net Weight	8.0kg(17.6lbs)
Gross Weight	9.5kg(21.0lbs)
Product Dimension	793x300x109mm(31.2x11.8x4.3inch)
Packing Size	846x355x150mm(33.3x14.0x5.9inch)



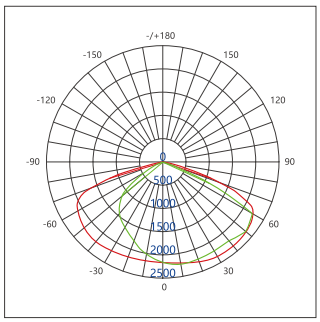
PHOTOMETRIC DIAGRAMS

Specialized anti glare optical lens to deliver asymmetrical lighting solution

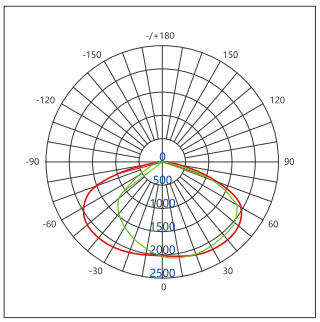
T2M/T3M/T4M/T5M



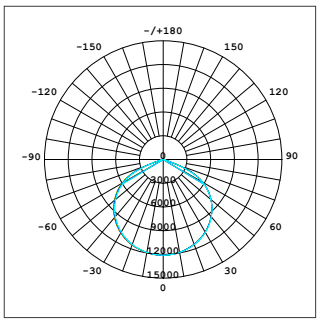
cd/klm



cd/klm



cd/klm



cd/klm





FEATURES

Patented private mold:

The housing is made of integrated die-casting aluminum, IP66.

Flat honeycomb design helps facilitate heat dissipation.

No heat sink on the back, so it's not easy to accumulate dust or bird droppings, saving maintenance costs.

No tools are needed when detaching the cover of the light fixture.

Sleek silver-colored design boosts city image and brings visual enjoyment to the neighborhood.

Precise optical design:

Various types of light distributions available: T2M/T3M/T4M.

The professional anti-glare lens has high light transmittance, it distributes soft and uniform light that is comfortable to the eyes.

Flexible Installation methods:

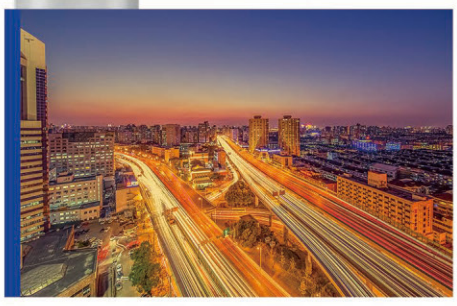
An array of accessories is attached for the customers to choose from, offering multiple mounting solutions.

The angle can be adjusted within ±15°. The lamp pole can be installed horizontally or vertically.

The level locator will simplify the installation job.

APPLICATION AREAS

Urban & residential Streets/Bridges/Bike & Pedestrian path/Railway stations & Metros/Car parks & Squares







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