

LED Street Light

185LM/W



Street Light H Series

5 Years Warranty

CE RoHS  

Specification

Power	50W	100W	150W	200W	250W	300W
PF	>0.95					
Input Voltage(V)	100-240VAC					
CRI	Ra70	Ra80	Ra70	Ra80	Ra70	Ra80
Efficacy (lm/W)±5%	185	175	185	175	185	175
Lumen Output±5%	9250	8750	18500	17500	27750	26250
CCT (K)	3000K / 3500K / 4000K / 4500K / 5000K / 5700K					
Dimming	Non-Dimming (Default) / 0-10V Dimming					
Intelligent Control	Optional(Photo cell zigbee Lora)					
Beam Angle	TYPE II / TYPE III					
Material	Die-Cast + PC Lens					
Operating Temperature	-40°C ~ 45°C					
Humidity	10%~90%					
Installation	POLE - Φ60					
LED Type	5050					
Power Supply	SOSEN/MEAN WELL/INVENTRONICS					
Surge Protection	4kV line-line, 6kV line-earth					
Certification	CE / RoHS					
IP Rate	IP65					
Warranty	5 Years					

Packing

Model No.	Power	Size (mm)	Carton Size (mm)	G.W / 1PCS±0.2KG
SL-STA00-50Y-XX-H	50W	L570*W350*H135mm	L600*W370*H150mm	5.30
SL-STA00-100Y-XX-H	100W	L650*W350*H135mm	L680*W370*H150mm	6.40
SL-STA00-150Y-XX-H	150W	L730*W350*H135mm	L760*W370*H150mm	7.50
SL-STA00-200Y-XX-H	200W	L810*W350*H135mm	L840*W370*H150mm	8.60
SL-STA00-250Y-XX-H	250W	L890*W350*H135mm	L920*W370*H150mm	9.50
SL-STA00-300Y-XX-H	300W	L970*W350*H135mm	L1000*W370*H150mm	10.60

Description:

Model name description: SL-STA00-100Y-XX-H;

“SL” indicates the name of company producing the product;

“ST” indicates the product is a LED Street Light;

“A00” indicates the voltage of the product;

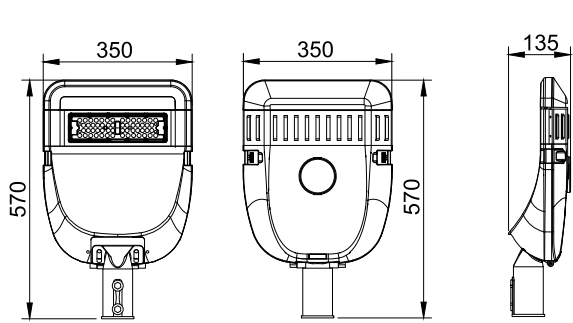
“100” indicates the power of the product, it can be 50、100、150、200、250、300W;

“Y” indicates the colour temperature of the product. “Y” can be

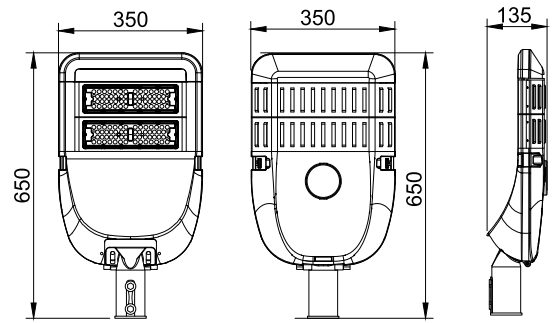
N=3000K,M=3500K,L=4000K,K=4500K,C=5000K,H=5700K represents color temperature;

Where “XX” represent light angle, it can be T I, T II, T III, T IV, T V;

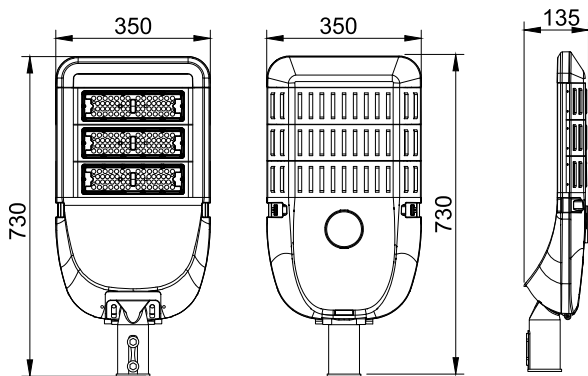
“H” indicates the shape size.



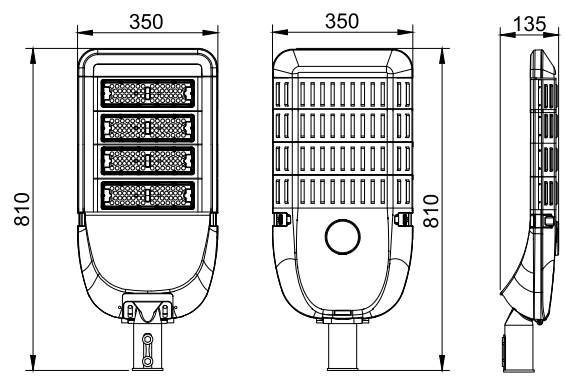
50W



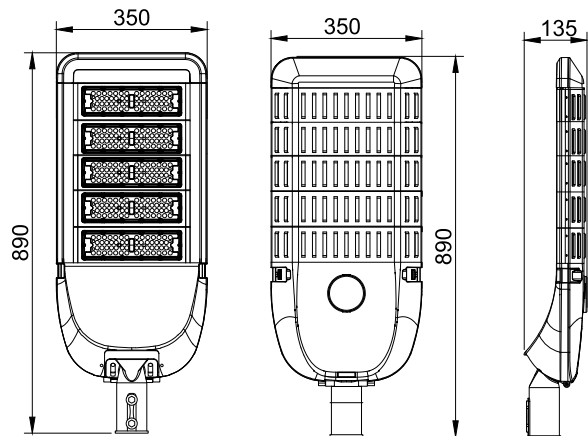
100W



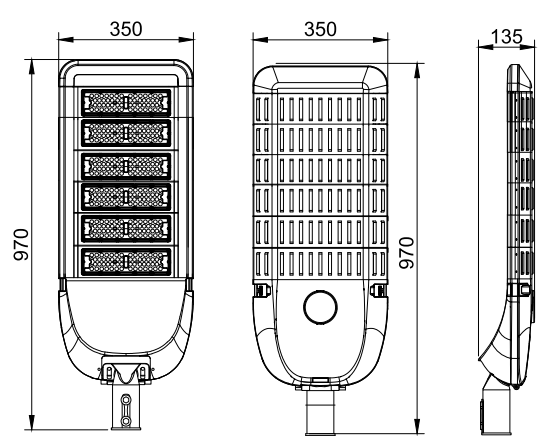
150W



200W



250W



300W

StructurePerformance

Housing:	Die-Cast
Cover:	PC Lens
Cable Length:	400mm
IP Rate:	IP 65
IK Rate:	IK 10

Light Efficiency up to 185lm/W

Street Light H Series can save 90% energy with its high efficacy, compared with other lighting fixture with the same watt , which makes it to be a high standard luminaire in the market.

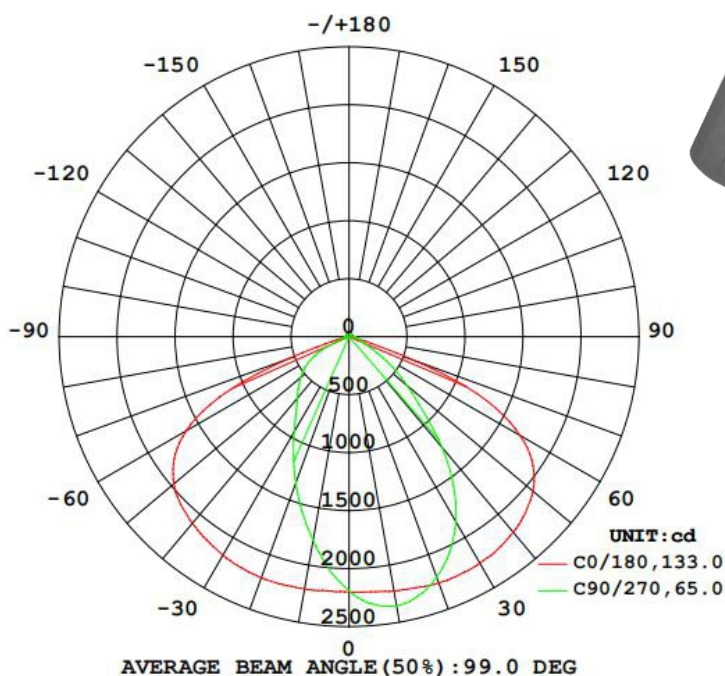
IP65 & IK10

Photocell

The light operating depends on the ambient luminance. When it is dark or dawn, it will lighten with a suitable luminance automatically.



Beam angle



Regular Safety Test

Test Item	Structure Classification	Testing Conditions	Testing parameters	Testing Time	Limiting Value
Hipot test	▪ Class I	input-shell	1000+2U (AC)	1min	10mA Max.
	▫ Class II	input-shell	2000+4U (AC)	1min	10mA Max.
	▫ Class III	input-shell	500Vac	1min	10mA Max.
Insulation Resistance	▪ Class I	input-shell	500Vdc	1min	2MΩ Min.
	▫ Class II	input-shell	500Vdc	1min	4MΩ Min.
	▫ Class III	input-shell	100Vdc	1min	1MΩ Min.
Leakage Current	▪ Class I	input-shell	220V/50Hz	10S	0.5mA Max.
	▫ Class II	input-shell	220V/50Hz	10S	1.0mA Max.
Ground Resistance	▪ Class I	Grounding wirmetal shell	10A	1min	500mΩ Max.

Product Certification

Certification Categories	Conform to the standard specification	Meet Certified	Certified
CE	EN60598-1; EN60598-2-1; EN62493; EN55015; EN61000-3-2; EN61000-3-3; EN61547; EN62471	√	√
SAA	IEC60598-2-1:1979(First Edition)+A1:1987 used in conjunction With IEC60598-1:2014(Eighth Edition)		
RoHS	2011/65/EU directive (RoHS 2.0)		
Energy Star	ENERGY STAR® Program Requirements Product Specification for Luminaires (Light Fixtures) Eligibility Criteria Version 2.0		