

Poseidon G3 | Street Light

24W/40W/50W/60W/80W/100W/
120W/150W/180W/200W/240W



Our street light is made of sturdy materials and high light efficiency 180lm/w, with unique optics which have a larger wingspan and more friendly to the long distance between lamp posts. To buy a high quality but competitive price led street light, our Poseidon G3 is the best choice.

STANDARDS/CERTIFICATES

- | | |
|-----------------|----------------|
| ◀ IEC 60598-1 | ◀ EN 61000-3-3 |
| ◀ IEC 60598-2-3 | ◀ EN IEC 62031 |
| ◀ EN 55015 | ◀ EN 62493 |
| ◀ EN 61547 | ◀ EN 60598-2-5 |
| ◀ EN61000-3-2 | ◀ EN 62471 |

SILVAIR

Bluetooth

CASAMBI

Product data

General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >108000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode 10KV/20KV SPD (for option)

Controls and Dimming

Function	Astro DIM (default) 0/1-10V, PWM, Triac dimming (for option) MOSO Dali&D4I class II (for option)
Devices	Electrical disconnecter (for option) Nema holder (for option) Zhaga holder (for option)
Cables	3x1.0mm2, 0.7m length

Maintenance and Assembly

Installation methods	Post top installation
Accessories	Streetlight photocell (for option)

Accessory



Photocell for Nema holder



Photocell for Zhaga holder

Light Technical

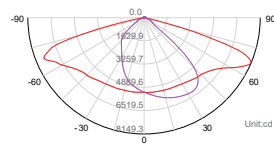
Luminous Efficacy (rated) (Nom)	180lm/w
Wattage	24W/40W/50W/60W/80W/100W/120W/150W/180W/200W/240W
Luminous Flux	4320/7200/9000/10800/14400/18000/21600/27000/32400/36000/43200LM
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	T2M/T2S/T3M/T3S/T4S
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+40 C

Mechanical and Housing

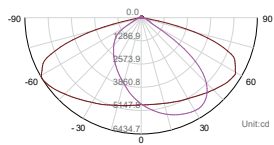
Housing Material	ADC12
Optic material	PC/PMMA
Housing Color	RAL9006

Light distribution angle

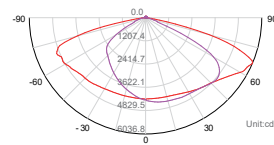
Optical options: **T2M**



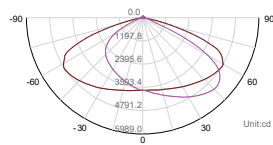
Optical options: **T2S**



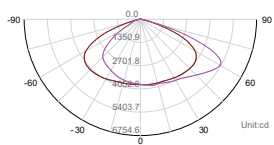
Optical options: **T3M**



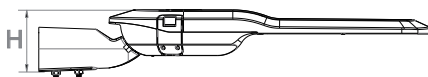
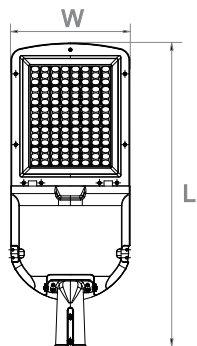
Optical options: **T3S**



Optical options: **T4S**



Package



Model	Dimension(mm)			Outer Carton(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H	L	W	H			
ST024PE1K-CS	493	174	108	523	204	143	1	2.50	3.00
ST040PE1K-CS	493	174	108	523	204	143	1	2.50	3.00
ST050PE1K-CS	493	174	108	523	204	143	1	2.50	3.00
ST060PE1K-CS	562	200	108	582	225	164	1	3.20	3.80
ST080PE1K-CS	562	200	108	582	225	164	1	3.20	3.80
ST100PE1K-CS	607	240	108	626	265	164	1	3.80	4.50
ST120PE1K-CS	607	240	108	626	265	164	1	3.80	4.50
ST150PE1K-CS	680	240	108	700	285	164	1	4.60	5.30
ST180PE1K-CS	680	240	108	700	285	164	1	4.60	5.30
ST200PE1K-CS	766	300	108	785	325	164	1	5.70	6.50
ST240PE1K-CS	766	300	108	785	325	164	1	5.70	6.50



Container	Model	QTY/Container
20GP	24W	1300PCS
20GP	40W	1300PCS
20GP	50W	1300PCS
20GP	60W	900PCS
20GP	80W	900PCS
20GP	100W	750PCS
20GP	120W	750PCS
20GP	150W	600PCS
20GP	180W	600PCS
20GP	200W	480PCS
20GP	240W	480PCS



Container	Model	QTY/Container
40GP	24W	2800PCS
40GP	40W	2800PCS
40GP	50W	2800PCS
40GP	60W	1900PCS
40GP	80W	1900PCS
40GP	100W	1600PCS
40GP	120W	1600PCS
40GP	150W	1300PCS
40GP	180W	1300PCS
40GP	200W	1000PCS
40GP	240W	1000PCS

Application

