

SWL-S37

Product Features

- 30W|50W|60W|80W|90W|100W|120W|150W|180W|200W|240W
- Lens version/glass version optional;
- Efficiency:140/160/180lm/W(glass verion);
- Efficiency:150/170/190lm/W(lens verion);
- T2-S/T2-M/T3-M, T2M(lens verion)
- ADC12 die cast aluminum heat dissipation shell, with a smooth back and no dust accumulation;
- Optoelectronic separation, tool free maintenance, top opening cover, large power supply chamber;
- Top/side mounted, adjustable ± 15 degrees;
- NEMA/ZHAGA interface optional;
- ClassI/ClassII optional;
- ON-OFF/0-10V/DALI-2/D4i optional;
- IP66;IK08;3G;
- Warranty: 5 year;
- Certification: ENEC+,ENEC,CB,CE,ROHS

Application:

Road lighting for highways, national highways, provincial highways, urban expressways, branch roads, auxiliary roads, factory areas, parks and other places;

www.sensetechlight.com

No 6, Shengxing Street, ChangAn Town,
DongGuan City, GuangDong Province,China
Version: A1—202604

CB CE RoHS

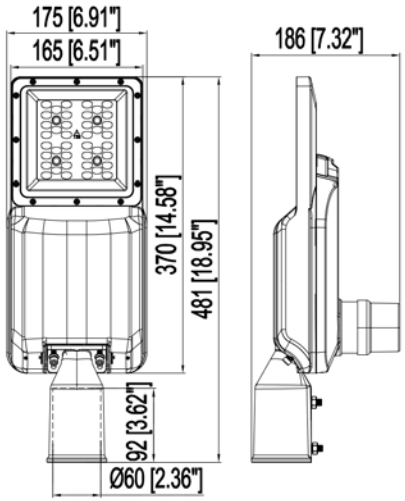
LED Street Light

SWL-S37

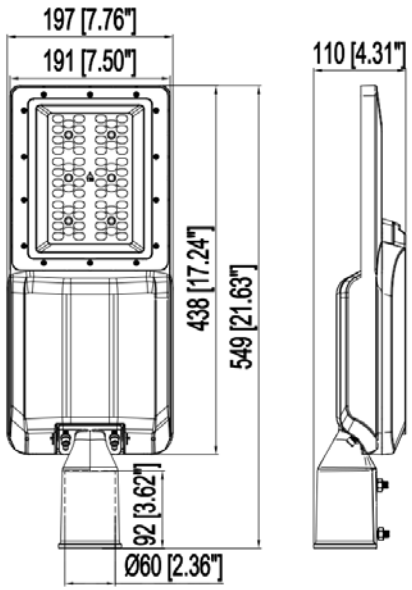
Parameter

Model	SWL-S37-30W	SWL-S37-50W	SWL-S37-60W	SWL-S37-80W	SWL-S37-90W	SWL-S37-100W	SWL-S37-120W	SWL-S37-150W	SWL-S37-180W	SWL-S37-200W	SWL-S37-240W
Input power	30	50	60	80	90	100	120	150	180	200	240
Input voltage (V)	220-240vac/100-277vac										
Input current	0.14A@230Vac	0.23A@230Vac	0.27A@230Vac	0.37A@230Vac	0.41A@230	0.46A@230Va	0.55A@230Va	0.69A@230Vac	0.82A@230Vac	0.92A@230Vac	1.1A@230Vac
Driver factor	≥0.95										
Driver brand	Tridonic/Inventronics/SOSEN										
Driver type	isolated										
Surge	Driver L-N:6KV,L/N-E:10KV ,SPD-10KV; SPD-20KV optional										
Startup time	≤0.5S (&230V)										
Protection level	Class Ⅰ/ClassⅡ										
THD	＜15%										
LED Band	LUMILEDS/TYF										
LED TYPE	SMD3030/SMD5050;										
Beam angle	T2-S/T2-M/T3-M, T2M(lens verion)										
CCT	2700~6500K										
Ra	Ra>70										
SDCM	/										
Operating	-35° ~ +50°										
Efficiency	140/160/180 Lm/W(glass verion);150/170/190lm/W(lens verion)										
Dimming	ON-OFF/0-10V/DALI-2/D4i (optional)										
Housing material	ADC 12 die-casting										
Color	RAL9007 Gray (std) ;RAL9017 black(customize)										
Surface process	Spray										
IK/IP	IK08/IP66										
AC input cable	3*1.0² (300mm ±50mm)										
Warranty	5 year										
Pole diameter	Ø40—Ø60(STD); ;										
Opening method	No tools required										
Installation	TOP/SIDE ±15DEG										
Optional accessories	NEMA/ZHAGA/SPD/ Breakers/ Light sensors, etc. (optional)										
Product dimensions	481*175*113mm		549*197*110mm		592*246*110mm			661*258*110mm		756*298*112mm	
Net weight (kg)	2.75		3.2		4.4			4.6		6.4	
Gross weight (kg)	3.2		3.8		5.0			5.3		7.3	
Packing size/quantity	523*204*164mm		582*225*164mm		626*265*164mm			700*285*164mm		785*325*164mm	

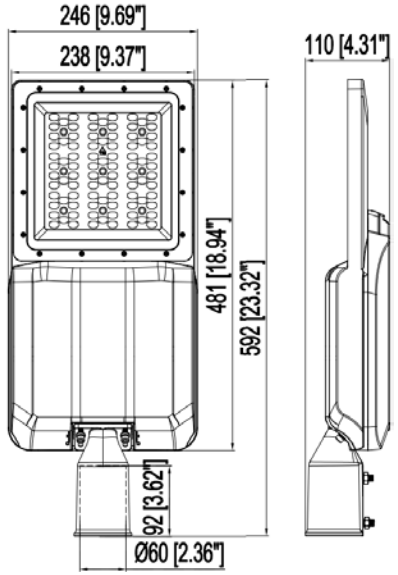
Product dimensions (mm)



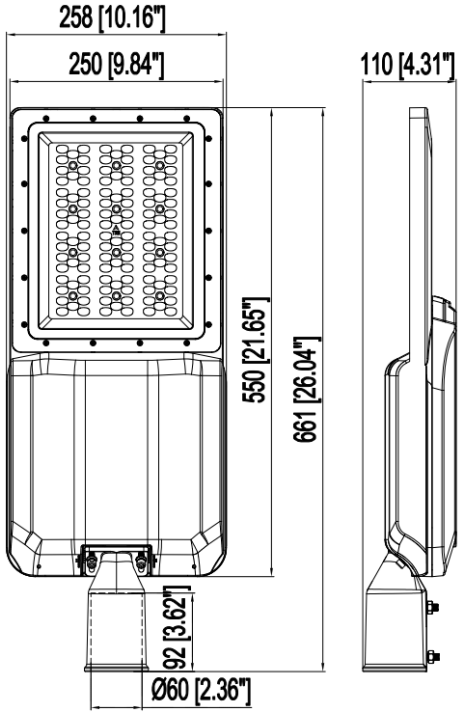
30W/50W LENS VER



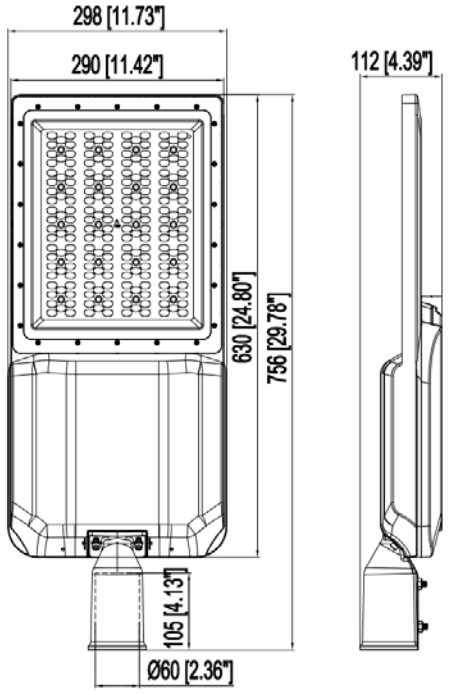
60W/80W LENS VER



90W/100W/120W LENS VER

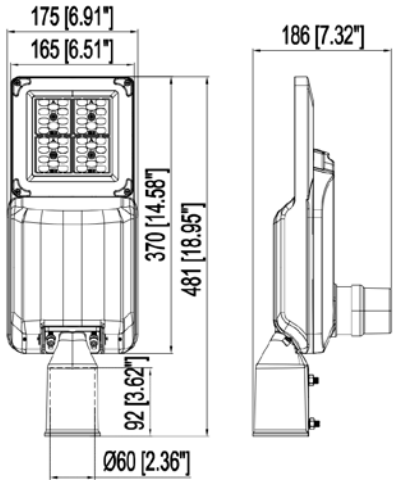


150W/180W LENS VER

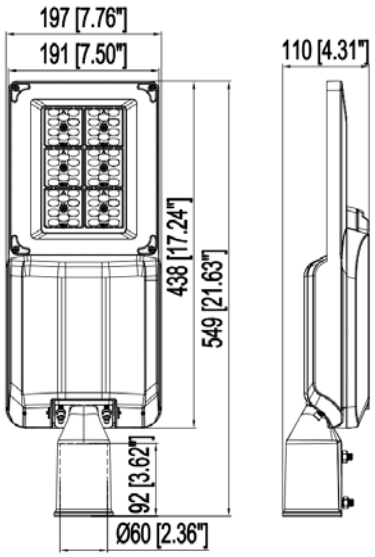


200W/240W LENS VER

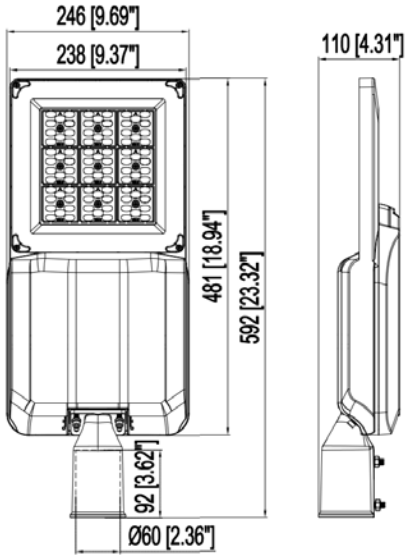
Product dimensions (mm)



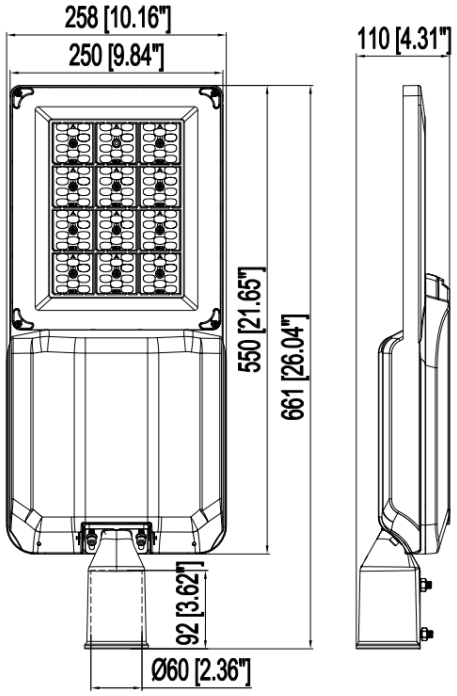
30W/50W GLASS VER



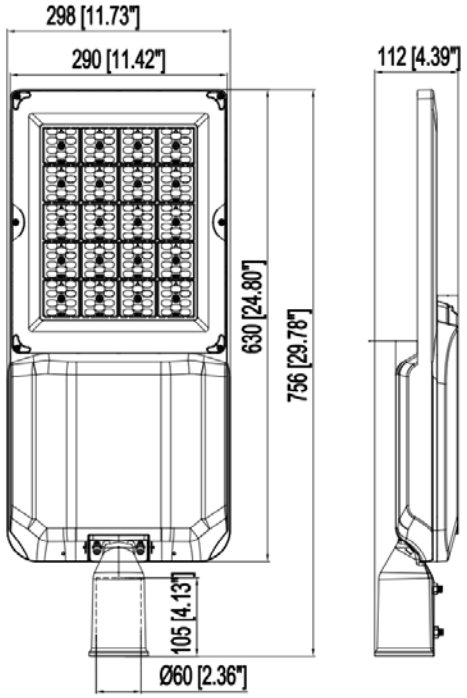
60W/80W GLASS VER



90W/100W/120W GLASS VER

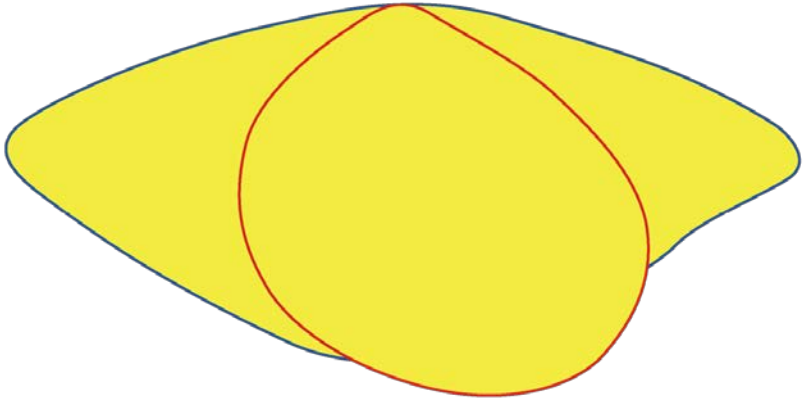


150W/180W GLASS VER

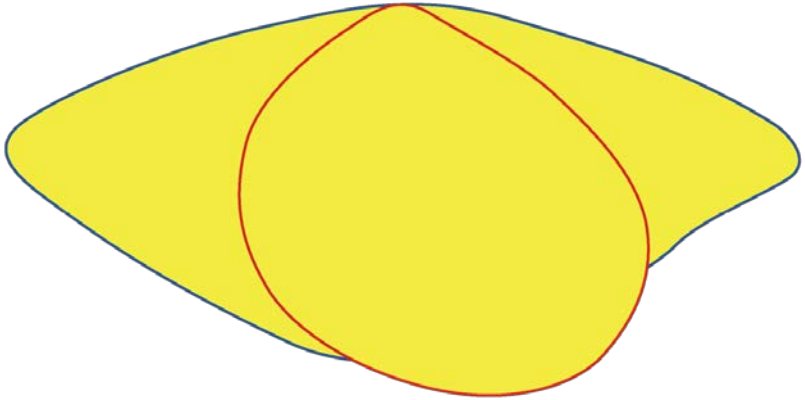


200W/240W GLASS VER

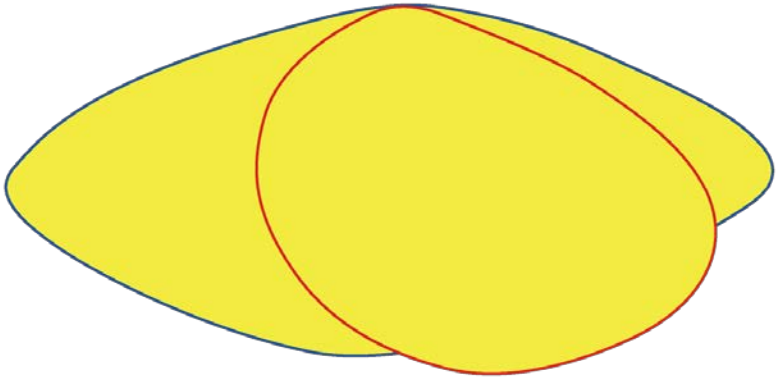
Distribution curve



T2S



T2M



T3M

Interface



NEMA Control



ZHAGA Control

FEATURES

- With PMW and 0-10V dimming interfaces
- With the data acquisition of parameters like current, voltage, power and power factor
- With reporting the anaylsis of power consumption and energy saving
- With monitoring and detecting the status of LED luminaire
- Automatic faulty reporting function
- With surge protection function
- IP65 rated

Communication Interface	Communication Method	Communication Distance	Dimming Signal
NEMA	LoRa / ZigBee NB / 4G LTE	LoRa: 1000M ZigBee: 200M NB: ∞ 4G LTE: ∞	PWM 0-10v
ZHAGA	NB / 4G LTE	NB: ∞ 4G LTE: ∞	DALI 0-10v