

SWL-S22

www.sensetechlight.com

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Version: A1—202512

Product Features

- 50W | 60W | 100W | 120W | 150W | 180W | 200W
- Efficiency:140/160/180lm/W;
- Type Ⅰ-S / Type Ⅱ-S
- ADC12 die cast aluminum heat dissipation shell, back fins, efficient heat dissipation;
- Open top cover, buckle type, tool free maintenance;
- large luminous surface anti glare lens;
- NEMA/ZHAGA interface optional;
- Class Ⅰ;
- ON-OFF/0-10V optional;
- IP65;IK08;
- Warranty: 5 year;
- Certification: CB,CE,ROHS

Application:

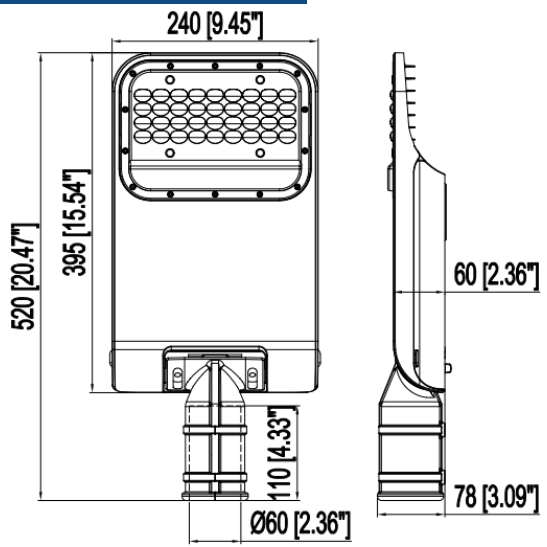
Road lighting for highways, national highways, provincial highways, urban expressways, branch roads, auxiliary roads, factory areas, parks and other places;

CB CE RoHS

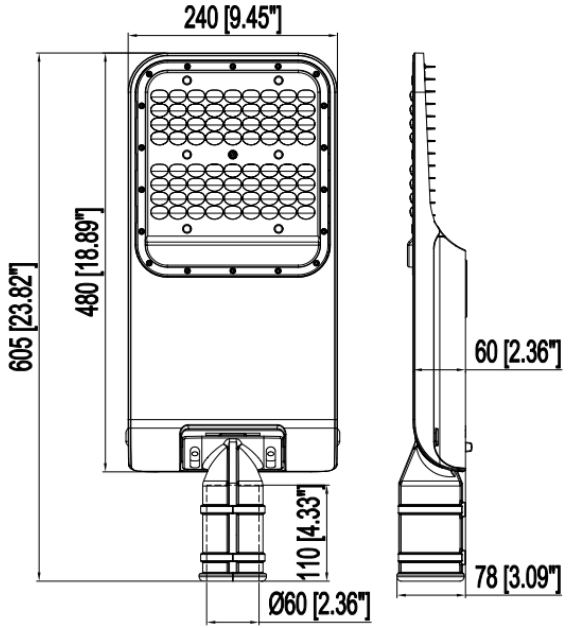
产品参数

Model	SWL-S22-50W	SWL-S22-60W	SWL-S22-100W	SWL-S22-120W	SWL-S22-150W	SWL-S22-180W	SWL-S22-200W
Input power	50W±10%	60W±10%	100W±10%	120W±10%	150W±10%	180W±10%	200W±10%
Input voltage (V)	100-277Vac/176-277Vac						
Input current	0.23A@230Vac	0.28A@230Vac	0.46A@230Vac	0.55A@230Vac	0.70A@230Vac	0.83A@230Vac	0.92A@230Vac
Driver factor	≥0.95						
Driver brand	Intentronics IT X/SOSEN_VH-E/SOSEN_GA-E/DL_MAL/XC_HVC						
Driver type	isolated:						
Surge	SPD-10KV; SPD-20KV 可选						
Startup time	≤0.5S (&230V)						
Protection level	Class I						
THD	<15%						
LED Band	Lumileds/TYF						
LED TYPE	SMD5050/SMD3030						
Beam angle	T1-S/T2-S						
CCT	2700K~6500K						
Ra	Ra>70						
SDCM	/						
Operating	-30° —— +45°						
Efficiency	140/160/180lm/w						
Dimming	ON-OFF 0/1-10V/DALI (optional)						
Housing material	ADC 12 die-casting						
Color	RAL9007 Grey						
Surface process	Spray						
IK/IP	IK08/IP65						
AC input cable	3*1.0mm² (300mm ±50mm)						
Warranty	5 year						
Pole diameter	Ø60(std) ,Depth>100mm						
Opening method	/						
Installation	Side/Top mounted (±15DEG)						
Optional accessories	NEMA/ZHAGA/SPD/ Breakers/ Light sensors, etc. (optional)						
Product dimensions	520*240*78.5mm		605*240*78.5mm		690*240*78.5mm	775*240*78.5mm	
Net weight (kg)							
Gross weight (kg)							
Packing size/quantity							

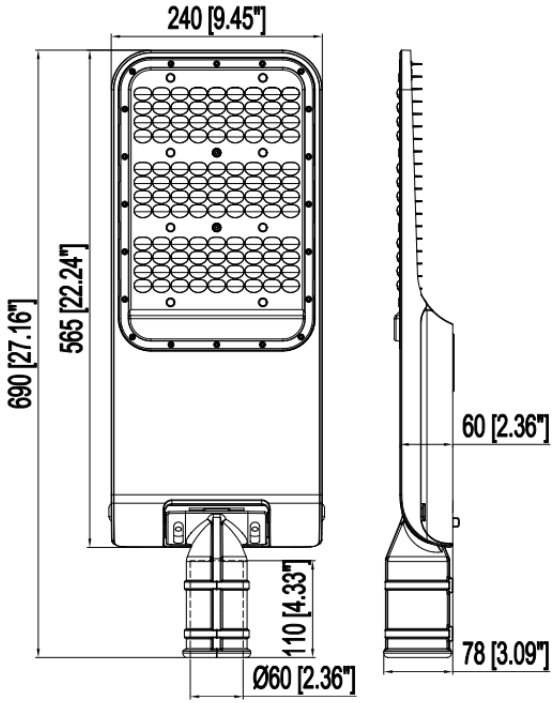
Product dimensions (mm)



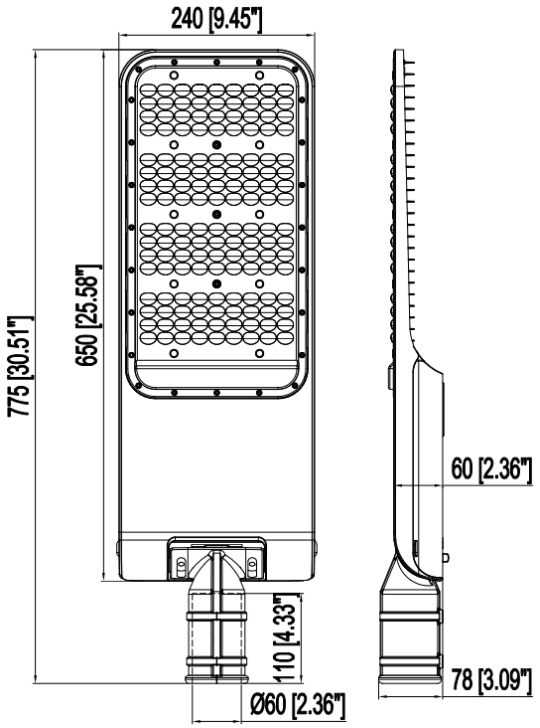
50/60W



100/120W

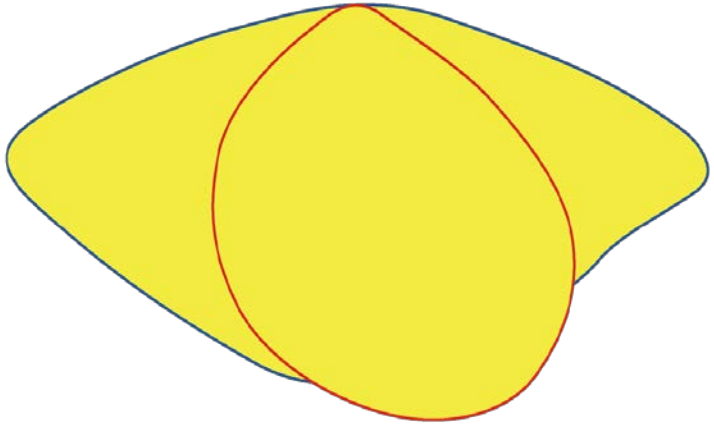


150W

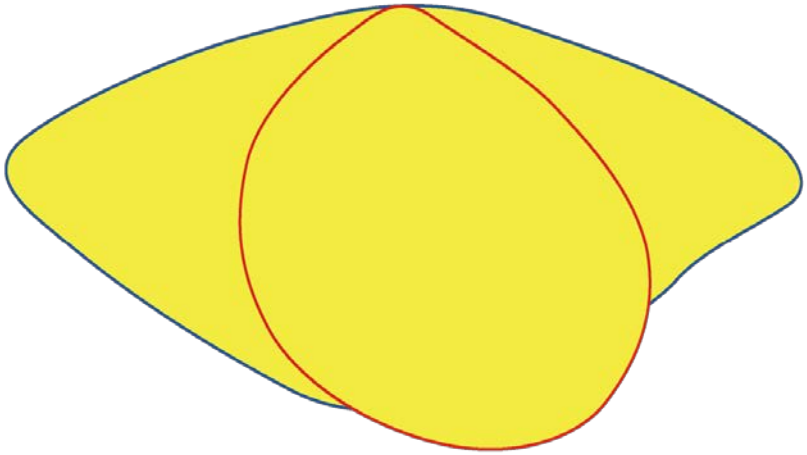


180/200W

Distribution curve



T1-S



T2-S

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