

SWL-S16

Product Features

- 30W|50W|60W|80W|90W|100W|120W|150W|180W|200W|240W
- Efficiency: 130/150/180lm/W;
- T2-S/T2-M/T3-M
- 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
- Class Ⅰ / Class Ⅱ;
- ON-OFF/0-10V/DALI-2/D4i;
- IP66;IK08 (IK09 customize) ;3G;
- Warranty: 5 year;
- Certification: 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;

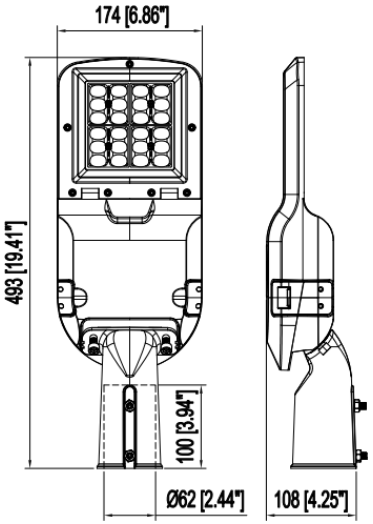
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Version: A1—202512

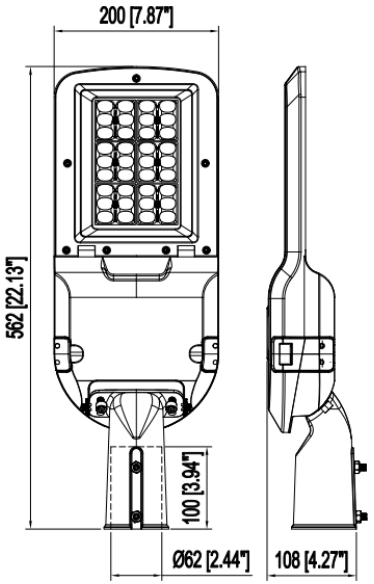
Parameter

Model	SWL-S16-30W	SWL-S16-50W	SWL-S16-60W	SWL-S16-80W	SWL-S16-90W	SWL-S16-100W	SWL-S16-120W	SWL-S16-150W	SWL-S16-180W	SWL-S16-200W	SWL-S16-240W
Input power	30	50	60	80	90	100	120	150	180	200	240
Input voltage (V)	220-240vac/100-277vac										
Input current											
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 / Class II										
THD	<15%										
LED Band	LUMILEDS/TYF										
LED TYPE	SMD3030/SMD5050;										
Beam angle	T2-S/T2-M/T3-M										
CCT	2700~6500K										
Ra	Ra>70										
SDCM	/										
Operating	-35° —— +50°										
Efficiency	130/150/180 Lm/W										
Dimming	0-10V/1-10V/DALI-2/D4i (optional)										
Housing material	ADC 12 die-casting										
Color	RAL9007 grey (std) ;RAL9017 black(customize)										
Surface process	Spray										
IK/IP	IK08/IP66(IK09 customize)										
AC input cable	3*1.0² (300mm ±50mm)										
Warranty	5 year										
Pole diameter	Ø40—Ø60(STD); Ø76—Ø80 (Customize) ;										
Opening method	No need to open the cover with tools										
Installation	Top mounted/Side mounted										
Optional accessories	NEMA/ZHAGA/SPD/ Breakers/ Light sensors, etc. (optional)										
Product dimensions	493*174*108mm		562*200*108mm		607*240*108mm			680*260*108mm		766*300*108mm	
Net weight (kg)	2.87		3.32		4.48			4.76		6.56	
Gross weight (kg)	3.3		3.9		5.1			5.4		7.4	
Packing size/quantity	513*199*163/1		582*225*164/1		626*265*164/1			700*285*164/1		785*325*164/1	

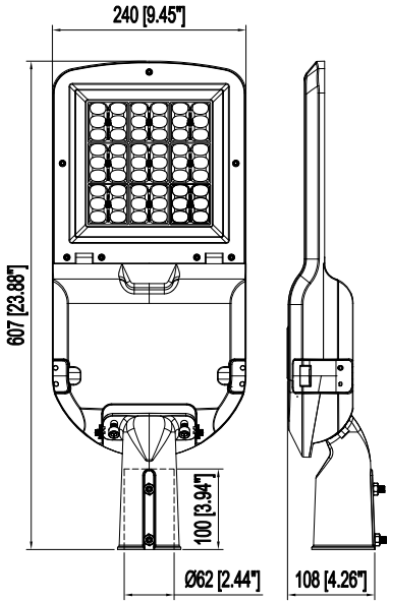
Product dimensions (mm)



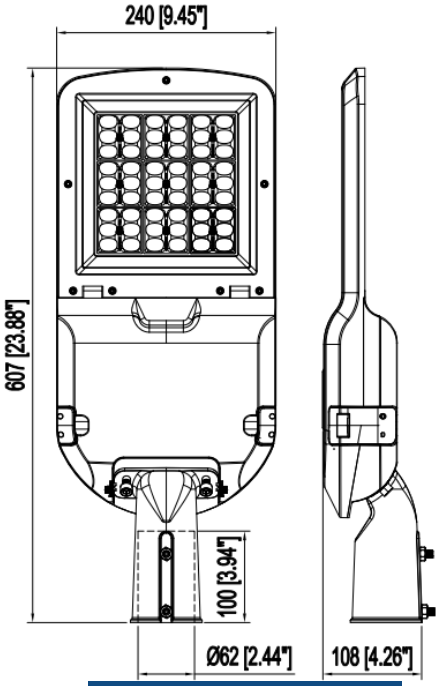
30W/50W



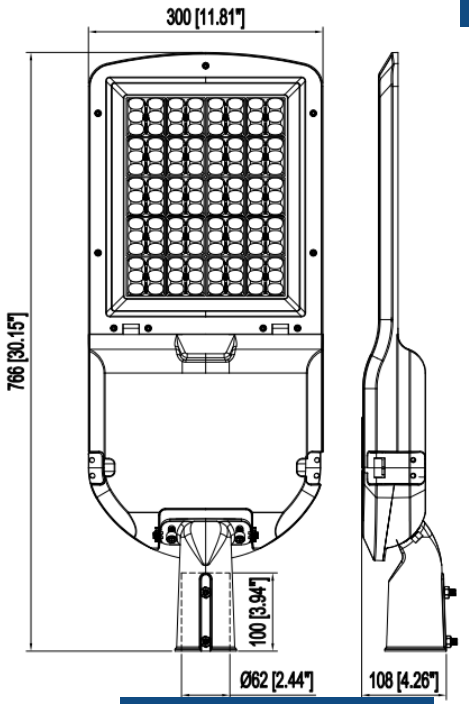
60W/80W



90W/100W/120W

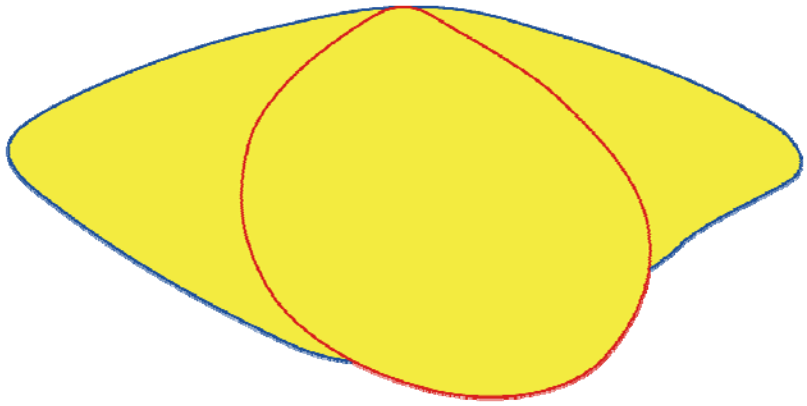


150W/180W

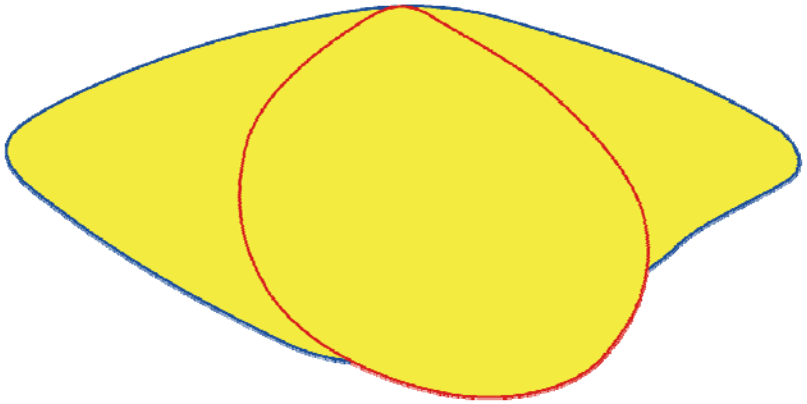


200W/240W

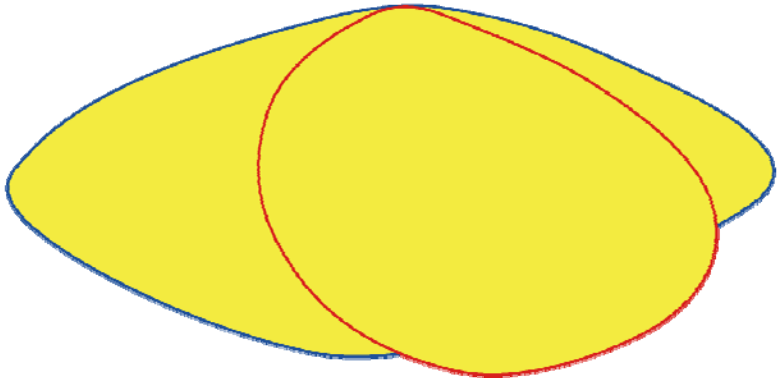
Distribution curve



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