

LED Smart Street Light

SSRT Series_ High Wattage

SOLUM SSRT series feature smooth surface for eliminating the risk of accumulation of dust and dirt in harsh environment. With single housing with chessboard cooling fins embedded, the optimal performance of heat management is well secured.

The superior efficient SSRT series deliver up to 150 lm/W as well as low glare rating. Best solution for environmental friendly dark sky for your outdoor lighting.



Bottom View



Top View

Application

Highway, Roads, Alley, Parking Lot

Key Facts & Features

- 150W~600W MH Replacement
- Efficacy up to 150 lumens per watt
- Type-II(basic) / Type-III(optional)
- Adjustable tilting angle from 0 to 15 degrees
- Variables in CCT (3000K, 4000K, 5700K)
- Easy accessible in maintenance and operation
- Die casted aluminum fixture(ADC12)
- Variable wattage 50W, 80W, 100W, 120W, 150W
- Weight: 18 lbs (8.2kg)
- EPA: 2.12 ft²



Ordering Information

Example: SSRT-100T240-UNV-DM-B

SSRT	100	T2	40	UNV	DM	B
Model	Wattage	Optic	CCT	Voltage	Dimming	Receptacle
SSRT Smart Streetlight	100 100W 120 120W 150 150W	T2 Type-II	40 4000K	UNV 120-277VAC	DM 1-10V Dimming	B 7 PIN Photocell Receptacle

SSRT Series

Specifications

General

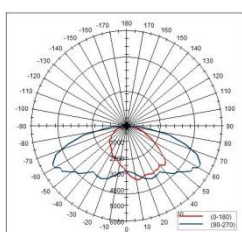
- High strength, lightweight die-casting aluminum housing
- Easy maintenance with simple hinge type tool-less entry
- Tempered glass optic cover
- Suitable for wet locations
- IP66 wet location rating enclosure for electrical components and optic box
- IK09 Mechanical impact protection code



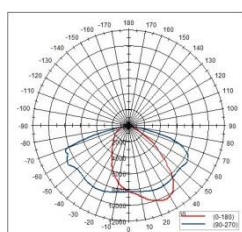
- CE listed
- RoHS compliant
- 10KV surge protection
- Internal Class 1 LED Driver included

Classification	Unit	SPECIFICATIONS					
		-	80	100	120	150	
General	Power Consumption	W	-	80	100	120	150
	Dimension	-	29.9"(L) x 12.9"(W) x 5.8"(H) 760(L) x 330(W) x 148(H)mm				
	Weight	-	18lbs(8.2kg)				
	Working Temp.	-	-40°F(-40°C) ~ +122°F(+50°C)				
	Storage Temp.	-	-40°F(-40°C) ~ 176°F(+80°C)				
	Working Humidity	RH	20 ~ 95%				
	Storage Humidity	RH	10 ~ 95%				
	IP Rate	-	IP66				
Optical	Luminous Flux	lm	-	12,000	15,000	18,000	22,500
	Color Temp.	K	3000, 4000, 5700 (±300)				
	CRI	Ra	≥70				
	Beam Angle		Type -II / Type-III				
	Luminous Efficacy	lm/W	≤155				
Electrical	Voltage Range	Vac	90-305 / 480				
	Frequency Range	Hz	50 ~ 60				
	Power Factor	PF	90% over				
	Efficiency	%	90% over				
	THD	%	<20				

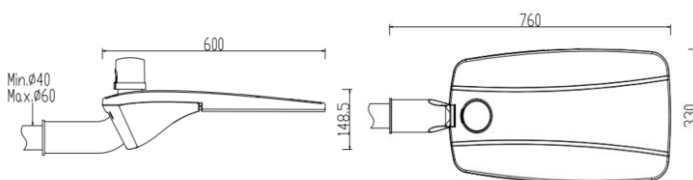
Luminous Intensity Distribution & Dimension



Type II



Type III



Effective Projected Area

EPA (Frontal projected area(A) x Drag Coefficient(DC) where, Drag Coefficient(DC) = Angle body = 1.0)

Luminaire		EPA(m ²) : 0.198 EPA(ft ²) : 2.12		
Wattage	100W			

SSRT Series

APPLICATIONS

Highway, Roads, Alley, Parking Lot

