

## LED Smart Street Light

# SSRT Series\_ Low 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

### Application

Street, Area, Roads, Alley, Parking Lot

### Key Facts & Features

- 100W~150W MH Replacement
- Efficacy up to 150 lumens per watt
- Type-I / Type-II(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)
- Weight: 8.7 lbs (3.95kg)
- EPA: 1.18 ft<sup>2</sup>



Top View



### Ordering Information

Example: SSRT-30T140-UNV-DM-B

SSRT	30	T1	40	UNV	DM	B
Model	Wattage	Optic	CCT	Voltage	Dimming	Receptacle
SSRT Smart Streetlight	30 30W  50 50W	T1 Type-I	40 4000K	UNV 120-277VAC	DM 1-10V Dimming	B 5PIN Photocell Receptacle

# SSRT Series

## Specifications

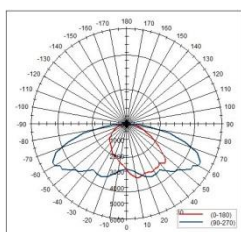
### General

- High strength, lightweight die-casting aluminum housing
- Easy maintenance with a simple design
- Tempered glass optic cover
- One piece formed housing with cooling fins embedded
- IP66 wet location rating enclosure for electrical components and optic box
- IK09 Mechanical impact protection code

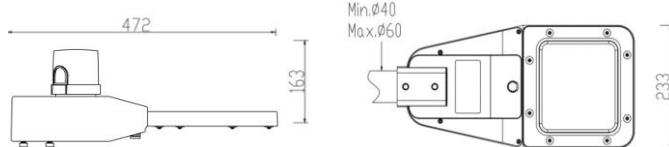


- CE listed
- RoHS compliant
- 10KV surge protection
- Internal Class 1 LED Driver included

### Luminous Intensity Distribution & Dimension



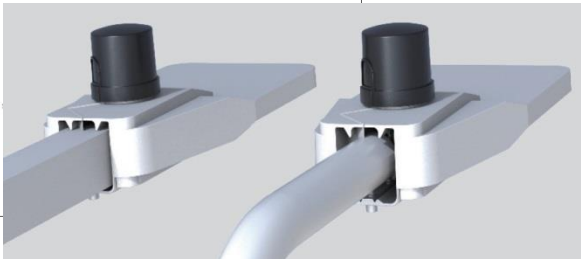
Type I



Classification	Unit	SPECIFICATIONS		
General	Power Consumption	W	50	30
	Dimension	-	18.6"(L) x 9.2"(W) x 6.4"(H) 472(L) x 233(W) x 163(H)mm	
	Weight	-	8.7lbs(3.95kg)	
	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	≤7,500	≤4,500
	Color Temp.	K	4000, 5700 (±300)	
	CRI	Ra	≥70	
	Beam Angle		Type -I	
	Luminous Efficacy	lm/W	≤150	
Electrical	Voltage Range	Vac	90-305	
	Frequency Range	Hz	50 ~ 60	
	Power Factor	PF	90% over	
	Efficiency	%	90% over	
	THD	%	<20	

### Effective Projected Area

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

Luminaire		EPA(m <sup>2</sup> ) : 0.109 EPA(ft <sup>2</sup> ) : 1.182	
Wattage	30W		

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## APPLICATIONS

Street, Roads, Alley, Parking Lot

