



Electrical Information							
<b>Model No.</b>	ST10-30	ST10-40	ST10-60	ST10-100-H	ST10-150-H	ST10-200-H	ST10-300-H
<b>Power Consumption (±5%)</b>	30W	40W	60W	100W	150W	200W	300W
<b>Power Supply</b>	SOSEN						
<b>Input Voltage</b>	120-277VAC, 50/60 Hz			120-277VAC, 277-480VAC, 50/60 Hz			
<b>Power Factor</b>	>0.92						
<b>Surge Protection</b>	6kV line-line, 10kV line-earth						
<b>Driver Type</b>	Constant Current (CC)						
<b>Control</b>	Plug-and-play Microwave or PIR sensor						

Optic Information							
<b>LED Type</b>	LED 3030						
<b>Luminous Flux (±10%)</b>	4500lm	6000lm	9000lm	15500lm	23250lm	31000lm	46500lm
<b>Efficacy (5000K Ra70)</b>	150lm/w			155lm/w			
<b>Correlated Color Temperature</b>	5000K ( 4000K optional)						
<b>Color Rendering Index</b>	Ra70 (Ra80 optional)						
<b>Beam Angle</b>	Type II (R08802)/TYPE III (R08803) Type IV (R08804)/TYPE V (R08805)			Type II (R21603)/TYPE III (R21601) Type (R21604)/TYPE V (R21602)			
<b>UGR level</b>	/						

## Description

Blade is designed for sustained, long-term performance with advanced thermal management, an elegantly simple heat sink and industry leading surge protection. This economical product line provides value-oriented area lighting solutions for a variety of applications without compromising quality or performance.

## Key Features

- 30W/40W/60W/100W / 150W / 200W / 300W, to replace 75W to 750W HID luminaires.
- Delivers up to 46,500 lumens.
- Full range of voltage 120-277V, 277-480VAC.
- Type II, Type III, Type IV and type V light distributions that covers all street and area light applications.
- Photocell or Occupancy Sensor option dims product when space is not occupied.
- External glare shield and bird spikes available.
- Versatile mounting: Square or round pole mount, adjustable slip-fitter and wall mount.
- 5 years warranty.

## Applications

- Parking lot
- Roadway lighting
- Park
- Main road

## Dimensions and Mount

<b>Product Dimension</b>	314x210x82mm (12.36"x8.26"x3.22")			397x286x82mm (15.63"x11.25"x3.22")		625x303x82mm (24.61"x11.93"x3.22")	
<b>Luminaire Net Weight</b>	2.79kg±0.3k g(6.15±0.66 Lbs)	2.87±0.3kg (6.32±0.66L bs)	2.93±0.3kg (6.45±0.66L bs)	4.64±0.3kg (10.23±0.66 Lbs)	4.75±0.3kg (10.47±0.66 Lbs)	6.98±0.3kg (15.39±0.66 Lbs)	7.59±0.3kg (16.73±0.66 Lbs)
<b>Export Carton Size</b>	440x395x215mm (17.32"x15.35"x8.46")			495x390x215mm (19.48"x15.35"x8.46")		710x390x215mm (27.95"x15.35"x8.46")	
<b>Gross Weight</b>	3.51±0.3kg (7.74±0.66L bs)	3.59±0.3kg (7.91±0.66L bs)	3.65±0.3kg (8.05±0.66L bs)	5.54 ±0.3kg (12.21±0.66 Lbs)	5.65±0.3kg (12.46±0.66 Lbs)	8.08 ±0.3kg (17.82±0.66 Lbs)	8.69 ±0.3kg (19.16±0.66 Lbs)
<b>Mounting Option</b>	Slipfitter Yoke Mount Square /Round Pole Mount						
<b>Material</b>	Aluminum Alloy Polycarbonate Optical Lens						
<b>Finish</b>	Powder Coating						
<b>Fixture Color</b>	Black (RAL9017), Bronze (RAL8019)						
<b>EPA</b>	0.85ft <sup>2</sup>			1.47ft <sup>2</sup>		2.44ft <sup>2</sup>	
<b>IK Rating</b>	IK08						
<b>IP Rating</b>	IP65						
<b>Category of corrosion</b>	C3						

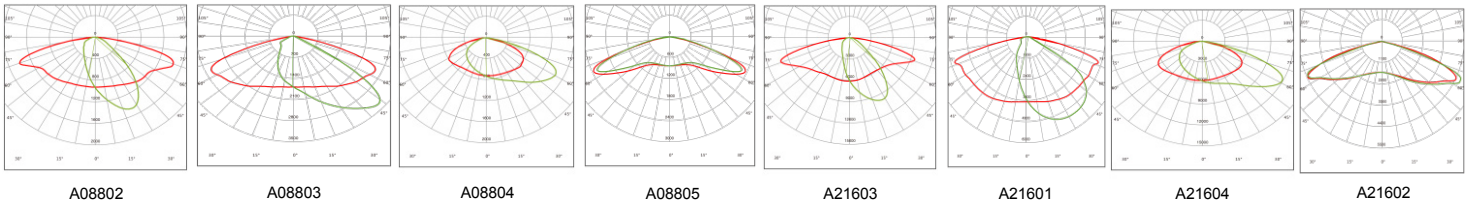
## Lifespan and Warranty

<b>Operating Temperature</b>	-30°C to + 45°C
<b>Life Time of LED @Ta=25°C</b>	45000hrs-L90
	93000hrs-L80
	148000hrs-L70
<b>Warranty</b>	5 Years

## New Features

## Photometry

beam angle



## Mounting Options



Slipfitter



Straight arm mount

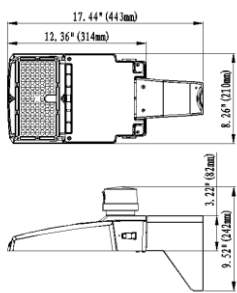


Round pole mount

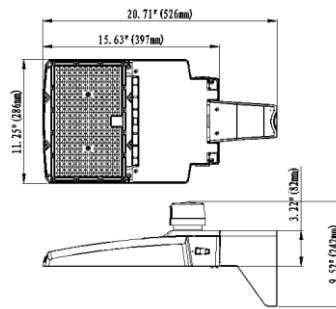


Yoke mount

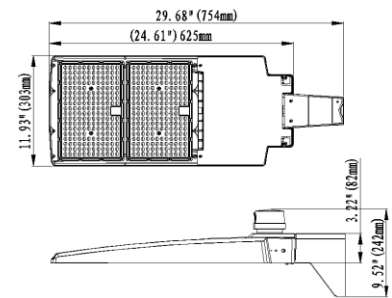
## Dimensions



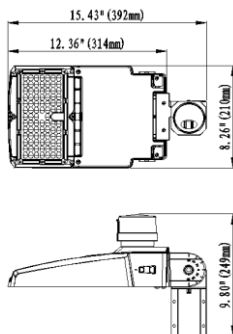
30W/40W/60W



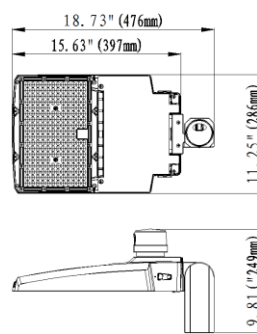
100W/150W



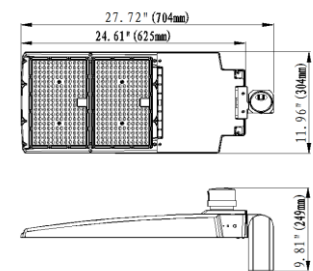
200W/300W



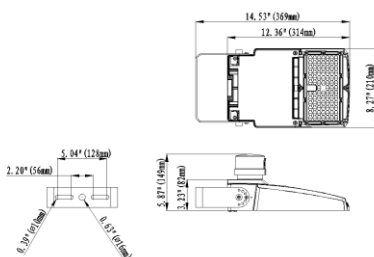
30W/40W/60W



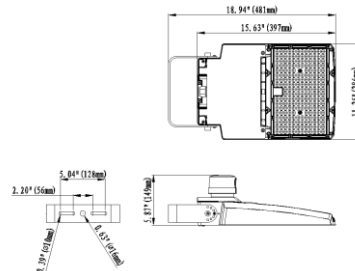
100W/150W



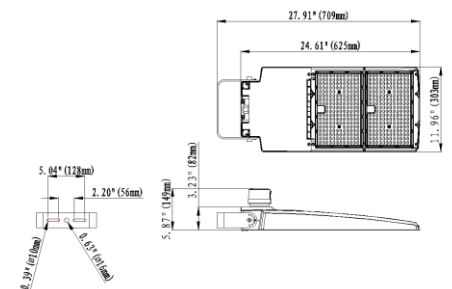
200W/300W



30W/40W/60W

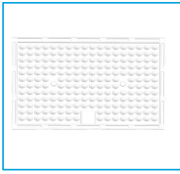


100W/150W

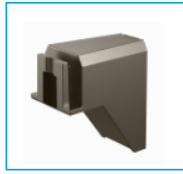


200W/300W

## Accessories



**Optic lens**  
High transmittance PC materials,  
UV test approval.



**Arm mount**  
Excellent anti-corrosion  
Aluminum alloy material  
Built for round and square pole



**Slipfitter mount**  
Excellent anti-corrosion  
Aluminum alloy material  
Built for 60mm Dia. pole  
Angle adjustable



**Yoke Mount**  
SPCC materials with outdoor  
powder coating  
Angle adjustable



**Photocell controller**  
PS-A00-01



**Shark PIR sensor**  
ANT-6-4T



**Shark microwave sensor**  
ANT-5-4T  
Bi-level motion sensor



**Shark sensor controller**  
RC100  
Compatible with ST10