



Catalog Number	
Notes	
Type	

TECHNICAL SPECIFICATIONS

Model No.	SX7-030	SX7-040	SX7-060	SX7-100	SX7-150	SX7-200	SX7-300
Power Consumption(±5%)	30W	40W	60W	100W	150W	200W	300W
Power Supply	Sosen			Philips			
Input Voltage	120-277VAC, 50/60 Hz			120-277VAC, 277-480VAC, 50/60 Hz			
Power Factor	>0.92						
Surge Protection	6kV line-line, 10kV line-earth						
Driver Type	Constant Current (CC)						
Control	Plug-and-play Microwave or PIR sensor available upon request						

OPTIC SPECIFICATIONS

LED Type	LED 3030						
Luminous Flux (±10%)	4500lm	6000lm	9000lm	16000lm	24000lm	32000lm	48000lm
Efficacy(5000K Ra70)	150lm/w			160lm/w			
Correlated Color Temperature	4000K, 5000K						
Color Rendering Index	Ra70 (Ra80 optional)						
Beam Angle	Type II (R08802)/TYPE III (R08803) TypeIV (R08804)/TYPE V(R08805)			Type II (R21603)/TYPE III (R21601) TypeIV (R21604)/TYPE V(R21602)			
UGR level	N/A						

DESCRIPTION

The SX7 area light is available in three sizes as well as a variety of outputs allowing you to customize your lighting design to meet application requirements. Designed for sustained, long-term performance with advanced thermal management, an elegantly simple heat sink, and surge protection.

MOUNTING AND PRODUCT DIMENSIONS

Product Dimension	314x210x82mm (12.36"x8.26"x3.22")			397x286x82mm (15.63"x11.25"x3.22")		625x303x82mm (24.61"x11.93"x3.22")	
Luminaire Net Weight	2.79kg±0.3 kg(6.15±0.6 6Lbs)	2.87±0.3kg (6.32±0.66 Lbs)	2.93±0.3kg (6.45±0.66 Lbs)	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)
Export Carton Size	440x395x215mm (17.32"x15.35"x8.46")			495x390x215mm (19.48"x15.35"x8.46")		710x390x215mm (27.95"x15.35"x8.46")	
Gross Weight	3.51±0.3kg (7.74±0.66 Lbs)	3.59±0.3kg (7.91±0.66 Lbs)	3.65±0.3kg (8.05±0.66 Lbs)	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)
Mounting Options	Slipfitter Mount U-Bracket Mount Round Extruded and Extruded Arm Mounts						
Material	Aluminum Alloy Polycarbonate Optical Lens						
Finish	Powder Coating						
Fixture Color	Black (RAL9017), Bronze (RAL8019)						
EPA	0.85ft ²			1.47ft ²		2.44ft ²	
IK Rating	IK08						
IP Rating	IP66						

KEY FEATURES

- 30W/40W/60W/100W/150W/200W/300W, to replace 75W to 1000W HID luminaires
- Full range of input voltage 120-277V, 277-480VAC.
- Type II, Type III, Type IV and type V light distributions

LIFESPAN AND WARRANTY

Operating Temperature	-22°F to + 113°F	
Life Time of LED @Ta=25°C	45000hrs-L90	
	93000hrs-L80	
	148000hrs-L70	
Warranty	5 Years	

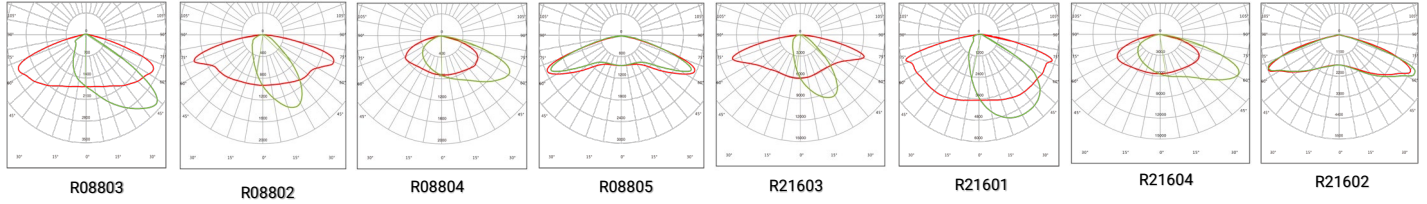
APPLICATIONS

- Parking lot lighting
- Roadway lighting

SAFETY CERTIFICATIONS

Luminaires (UL 1598:2021 Ed.5)
Luminaires (CSA C22.2#250.0:2021 Ed.5)

PHOTOMETRY



MOUNTING OPTIONS



Slipfitter mount



Extruded arm mount



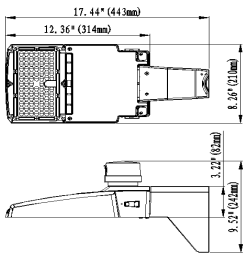
Round extruded arm mount



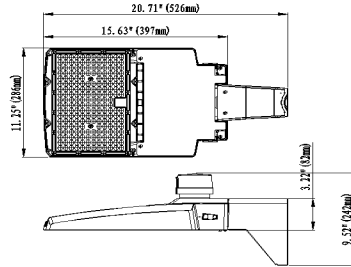
U-Bracket mount

DIMENSIONS

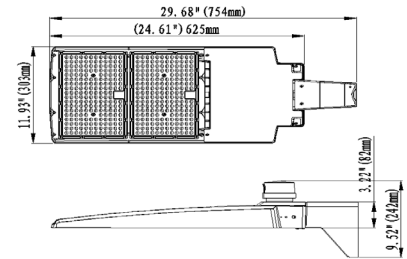
Unit:mm



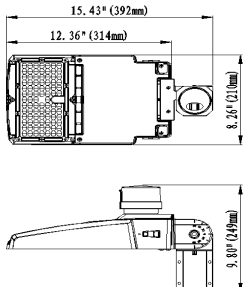
30W/40W/60W



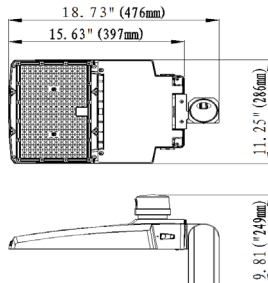
100W/150W



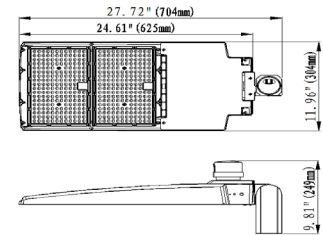
200W/300W



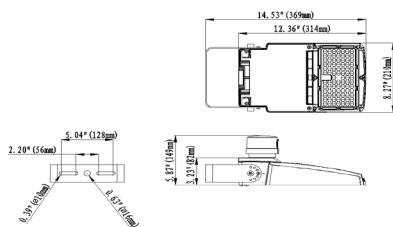
30W/40W/60W



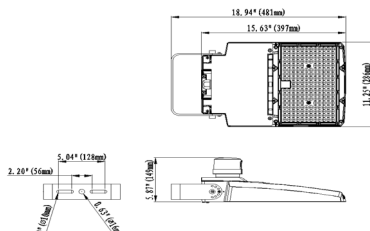
100W/150W



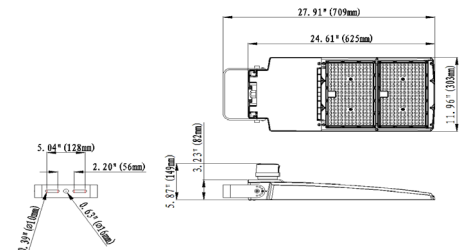
200W/300W



30W/40W/60W



100W/150W



200W/300W

ACCESSORIES



Optic lens

High transmittance PC materials, UV test approval.
Code:R08803
Code:R08805
Code:R21601



Arm mount

Excellent anti-corrosion Aluminum alloy material
Built for round and square pole
Code: BC-ST37-01



Slipfitter mount

Excellent anti-corrosion Aluminum alloy material
Built for 60mm Dia. pole
Angle adjustable
Code: BC-ST37-02



Yoke Mount

SPCC materials with outdoor powder coating
Angle adjustable
Code:BC-ST37-03(30-60W)
Code:BC-ST37-04(100-300W)

ORDERING OPTIONS

SX7					
Series	Wattage & Lumen Output	Voltage	Correlated Color Temperature (CCT)	Beam Angle	Control Options
SX7 (Sagitta X7 LED Area Light)	30W (4500lm)	MV (100-277V)	40K (4000K)	T2 (Type II)	0-10V Dimming
	40W (6000lm)	HV (277-480V)	50K (5000K)	T3 (Type III)	
	60W (9000lm)			T4 (Type IV)	
	100W (16000lm)			T5 (Type V)	
	150W (24000lm)				
	200W (32000lm)				
	300W (48000lm)				

Mounting Options	Finish Color	Accessories
SF (Slipfitter Mount)	BK (Black, RAL9017)	OL (Optic Lens - High Transmittance PC)
UB (U-Bracket Mount)	BZ (Bronze, RAL8019)	AM (Arm Mount)
RAM (Round Extruded Arm Mount)		SF (Slipfitter Mount)
YM (Yoke Mount)		YM (Yoke Mount)