Specifications - SX7 LED Area Light

Electrical Information

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 Information

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	TypeⅡ(R08802)/TYPE III (R08803) TypeⅣ(R08804)/TYPE V(R08805)			TypeⅡ(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.

Dimensions and Mount

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±0.66L bs)	2.93±0.3kg (6.45±0.66L bs)	4.64±0.3kg (1023±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")			495×390×215mm (19.48"x15.35"x8.46")		710×390×215mm (27.95"x15.35"x8.46")	
Gross Weight	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)
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	0.85ft²			1.47ft²		2.44ft²	
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.
TypeⅡ,Type III,TypeⅣ and type V light distributions

Lifespan and Warranty

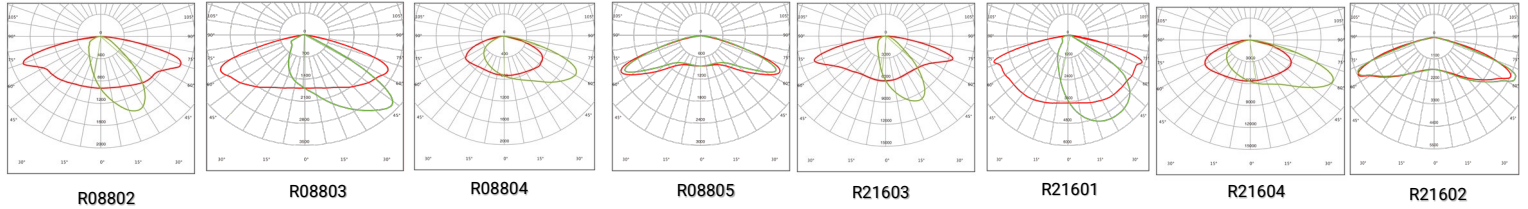| Operating Temperature	-22°F to + 113°F	
Life Time of LED @Ta=25°C	45000hrs-L90	
	93000hrs-L80	
	148000hrs-L70	
Warranty	5 Years	

Applications

• Parking lot lighting
• Roadway lighting

SAFETY CERTIFICATIONS

Luminaires (UL 1598:2021 Ed.5)

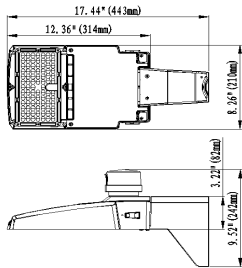Luminaires (CSA C22.2#250.0:2021 Ed.5)

Photometry

beam angle

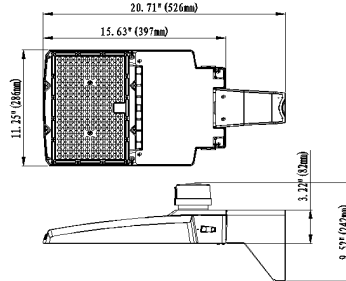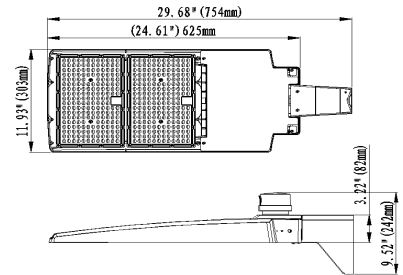
| R08802 | R08803 | R08804 | R08805 | R21603 | R21601 | R21604 | R21602 |

Mounting Options

Slipfitter mount

Extruded arm mount

Round extruded arm mount

U-Bracket mount

Dimensions

Unit:mm

30W/40W/60W

100W/150W
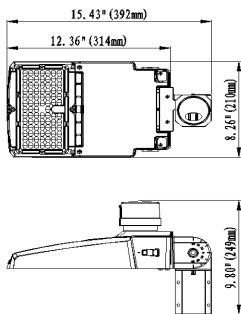
200W/300W
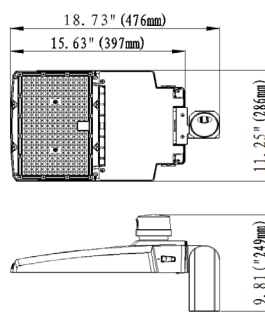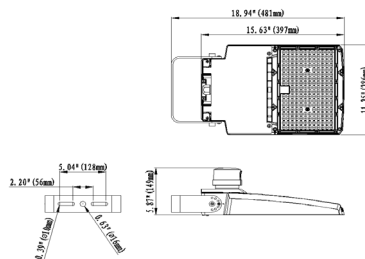

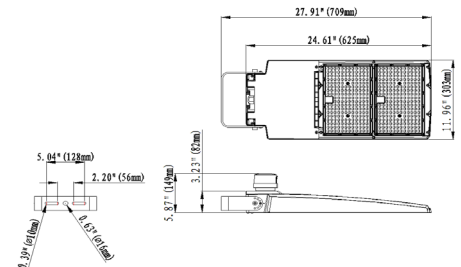**30W/40W/60W**
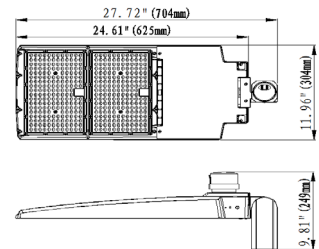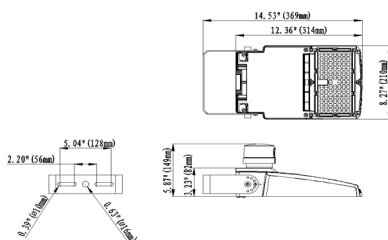
100W/150W

200W/300W

30W/40W/60W
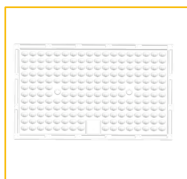
100W/150W

200W/300W

Accessories

Optic lens
High transmittance PC materials,
UV test approval.
Code:R08803
Code:R08805
Code:R21601
Code:R21602

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)

Big Shine LED
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