



PLT-13144 - Selectable LED Area Light



PLT-13144 - 100/120/150W, Up to 22,378 Lumens, 3000/4000/5000K, Brown Finish

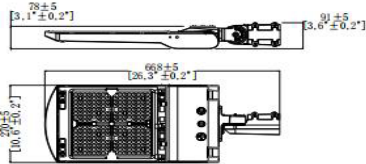
- Type III lens installed
- Type V lens included

Wattage	Voltage	CCT	Lumens	LPW
100W	AC120V	3000K	14,707	147
		4000K	15,193	152
		5000K	15,276	153
120W	AC120V	3000K	16,833	140
		4000K	17,666	147
		5000K	17,617	147
150W	AC120V	3000K	21,782	145
		4000K	21,507	143
		5000K	22,238	148

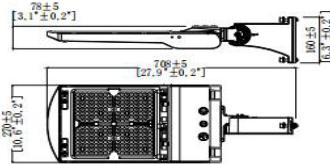


PLT-13146 PLT-13147 PLT-13148

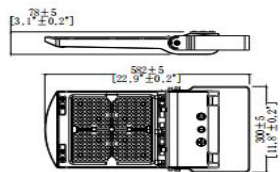
DIMENSIONS



PLT-13146



PLT-13147



PLT-13148

Additional Accessories

SKU	Description	Dimensions			
		Length	Width	Height	Weight
PLT-13153	Front Shield	10.75"	5.95"	2.59"	1.25 lbs
PLT-13154	Back Shield	10.75"	5.95"	2.59"	1.25 lbs
PLT-13155	Left Shield	10.24"	5.56"	0.48"	1.02 lbs
PLT-13156	Right Shield	10.24"	5.56"	0.48"	1.02 lbs

ADVANTAGE

- Lumileds Chip;
- Input voltage 120-277VAC;
- Output can be dimmed with with 0-10V dimmers
- No UV or IR in the beam;
- Easy to install and operate;
- Energy saving, long lifespan;
- Light is soft and uniform;
- Instant start, NO flickering, NO humming;
- Green and eco-friendly without mercury;

APPLICATION

- Outdoor basketball court, tennis court;
- Badminton court, the football field;
- School playground, stadium;
- Community leisure entertainment plaza,
- Warehouse, factory and workshops;
- Highway toll station;

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	150W(Wattage Adjustable Range: 150W/120W/100W)		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	21,782LM	21,507LM	22,238LM
	Efficacy (Tolerance : ±3%)	145LM/W	143LM/W	148LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B4-U0-G4		
	Distribution Pattern	Type III (Type II*, Type IV*, Type V**)		
Beam Angle (50%) (Tolerance : ±15%)	155*95 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC,50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<5%		
	Driver Brand	SOSEN		
	Driver Model	SS-160NH-E260BH		
	Driver Surge protection	L/N-PE: 6kV, L-N:6kV		
	Dimming	0-10V dimmable from the highest wattage selection ONLY		
	Sensor Type	Occupancy Sensor*, Exterior Photocell*, Integral Sensor Receptacle*		
	Optional Accessory	Photocontrol*, Surge-protective Device*, DC Motion Microwave sensor*, DC Motion PIR sensor*, photocell receptacle*, Shorting cap*		
MATERIALS	LED Brand	Lumileds		
	LED Type	2835		
	LED QTY	460 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black*, or Customized*		
	EPA	1.72 ft ²		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO		
	Storage Temperature	-40°C TO 85°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years		

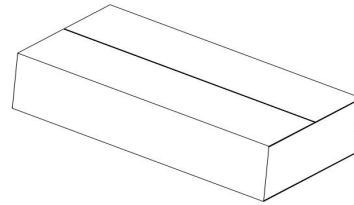
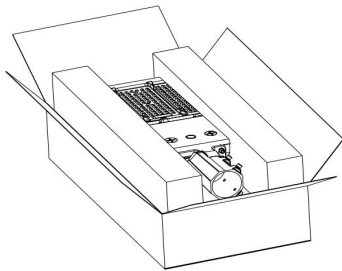
*Optional finishes, lenses, and accessories available via Special Order. Call 1-800-624-4488.

**Type V lens included with fixture.

PACKAGE

Bracket Type	Carton Size	Qty /	Net Weight / PCS	Gross Weight / Carton
PLT-13146	720*319*143mm (28.3*12.5*5.63in)	1 PCS	4.74KG[10.44LBS]	5.69KG[12.52LBS]
PLT-13147		1 PCS	4.94KG[10.87LBS]	5.95KG[13.09LBS]
PLT-13148		1 PCS	5.05KG[11.11LBS]	6KG[13.2LBS]

Tolerance of Carton Size: ±15 mm [±0.59 inch], Tolerance of Weight: ±10%.



LIGHT DISTRIBUTION TESTING PARAMETERS



NOTICE FOR USER

- Please turn off power before installation or maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Please make sure the wiring is insulated.
- Installation, service, and maintenance of luminaries should be performed by a qualified licensed electrician.

TROUBLESHOOTING

Problem	Solution
Flickering Light	Turn off the power, then turn on again after 3 minutes. If the light continues to flicker, call a licensed electrician.
Fixture not turning on	Check the electrical connection.