SABRE

UL CERTIFIED LUMINAIRE

PLT-13145 - 200/240/300W, Up to 44,852 Lumens, 3000/4000/5000K, Brown Finish
- Type III lens installed
- Type V lens included

Wattage	Voltage	CCT	Lumens	LPW
200W	AC120V	3000K	30,734	154
		4000K	31,924	160
		5000K	31,972	160
240W	AC120V	3000K	35,616	148
		4000K	37,228	155
		5000K	37,099	155
300W	AC120V	3000K	43,363	145
		4000K	45,922	153
		5000K	45,605	152

PLT-13146   PLT-13147   PLT-13149

DIMENSIONS
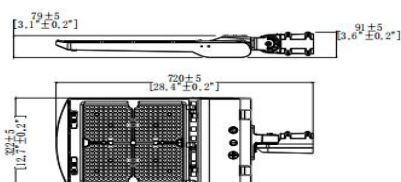
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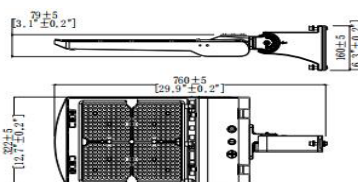
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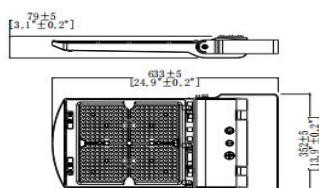
PLT-13149

Additional Accessories

SKU	Description	Dimensions			
		Length	Width	Height	Weight
PLT-13157	Front Shield	12.80"	6.74"	6.78"	1.27 lbs
PLT-13158	Back Shield	12.80"	6.74"	6.78"	1.27 lbs
PLT-13159	Left Shield	12.21"	6.78"	0.48"	1.3 lbs
PLT-13160	Right Shield	12.21"	6.78"	0.48"	1.3 lbs

ADVANTAGE

➢ Lumileds Chip；

➢ Input voltage　120-277VAC；

➢ Output can be adjusted 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%)	300W(Wattage Adjustable Range：300W/240W/200W)		
	Color Temperature （Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	43,369LM	45,922LM	45,605LM
	Efficacy (Tolerance : ±3%)	145LM/W	153LM/W	152LM/W
	CRI	>80		
	Color Consistency	＜7 Steps (or ＜7 SDCM)		
	BUG	B5-U0-G5		
	Distribution Pattern	Type III (Type II*、Type Ⅳ*、Type Ⅴ**)		
	Beam Angle (50%) (Tolerance : ±15%)	150*90 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-320NH-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 Mircowave Sensor*, DC Motion PIR sensor*，Photocell Receptacle*，Shorting Cap*		
MATERIALS	LED Brand	Lumileds		
	LED Type	2835		
	LED QTY	672 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black*, or Customized*		
	EPA	2.27 ft²		
	Waterproof Rating	WET（IP65）		
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃; With Motion Sensor: -30℃ TO		
	Storage Temperature	-40℃　TO　85℃		
	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.
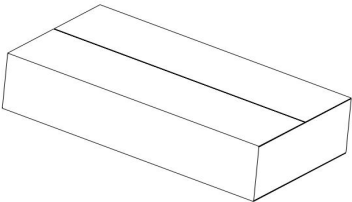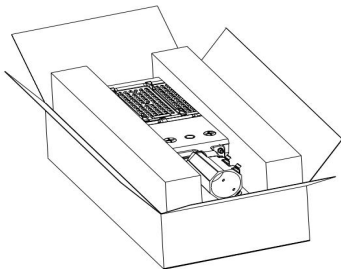
**Type V lens included with fixture.

PACKAGE

Optional mounts available via Special Order. Call 1-800-624-4488.

Bracket Type	Carton Size	Qty /	Net Weight / PCS	Gross Weight / Carton
PLT-13146	775*370*143mm (30.5*14.6*5.63in)	1 PCS	5.74KG[12.65LBS]	6.89KG[15.20LBS]
PLT-13147		1 PCS	5.94KG[13.10LBS]	7.15KG[15.76LBS]
PLT-13149		1 PCS	6.05KG[13.34LBS]	7.20KG[15.87LBS]

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.