





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





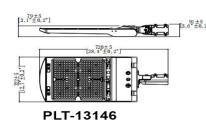


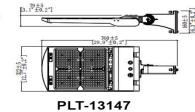
PLT-13146

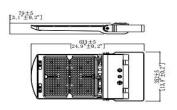
PLT-13147

PLT-13149

DIMENSIONS







PLT-13149

Additional Accessories

		Dimensions			
SKU	Description	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

Color Temperature (Color Tunable) 3000K 4000K 5000K Lumen (Tolerance: ±10%) 43,369LM 45,922LM 45,605LM Efficacy (Tolerance: ±3%) 145LMW 153LMW 152LMW CRI		Input Power (Tolerance : ±10%)	300W(Wattage Adjustable Range: 300W/240W/200W)			
Efficacy (Tolerance : ±3%)		Color Temperature (Color Tunable)	3000K	4000K	5000K	
CR		Lumen (Tolerance : ±10%)	43,369LM	45,922LM	45,605LM	
Color Consistency		Efficacy (Tolerance : ±3%)	145LM/W	153LM/W	152LM/W	
BUG B5-U0-G5	OPTICAL	CRI	>80			
Distribution Pattern Type III (Type II*, Type IV*, Type V**)		Color Consistency	<7 Steps (or <7 SDCM)			
Beam Angle (50%) (Tolerance : ±15%) 150°90 Degree		BUG	B5-U0-G5			
Input Voltage and Frequency PF (Tolerance : -3%) PF (Tolerance : -3%) PF (Tolerance : -5%) PF		Distribution Pattern	Type III (Type II*、Type IV*、Type V**)			
PF (Tolerance : -3%) ≥0.9		Beam Angle (50%) (Tolerance : ±15%)	150*90 Degree			
THD (Tolerance::+5%) \$\(\frac{\sigma}{\sigma} \) \$\(\frac{\sigma}{\sigma		Input Voltage and Frequency	120-277VAC,50/60Hz			
Flicker Percent		PF (Tolerance : -3%)	≥0.9			
Driver Brand SOSEN		THD (Tolerance : +5%)	≤20%			
Driver Model SS-320NH-E260BH		Flicker Percent	<5%			
Driver Surge protection Dimming Dimming D-10V dimmable from the highest wattage selection ONLY Sensor Type Occupancy Sensor*、Exterior Photocell*、Integral Sensor Receptacle* Photocontrol*, Surge-protective Device*, DC Motion Mircowave Sensor*, DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* LED Brand Lumileds LED Type 2835 LED QTY 672 PCS Housing Die-cast aluminum Housing Color EPA 2.27 ft² Waterproof Rating WET (IP65) Operating Temperature Storage Temperature Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH		Driver Brand	SOSEN			
Dimming 0-10V dimmable from the highest wattage selection ONLY Sensor Type Occupancy Sensor*、Exterior Photocell*、Integral Sensor Receptacle* Photocontrol*, Surge-protective Device*, DC Motion Mircowave Sensor*, DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* 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) 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	ELECTRICAL	Driver Model	SS-320NH-E260BH			
Sensor Type Occupancy Sensor*、Exterior Photocell*、Integral Sensor Receptacle* Photocontrol*, Surge-protective Device*, DC Motion Mircowave Sensor*, DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* 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) 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		Driver Surge protection	L/N-PE: 6kV, L-N:6kV			
Photocontrol*, Surge-protective Device*, DC Motion Mircowave Sensor*, DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* LED Brand Lumileds LED Type 2835 LED QTY 672 PCS Housing Housing Color Brown, Black*, or Customized* EPA 2.27 ft² Waterproof Rating WET (IP65) Operating Temperature Vithout Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO Storage Temperature Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH		Dimming	0-10V dimmable from the highest wattage selection ONLY			
Optional Accessory DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* LED Brand Lumileds LED Type 2835 LED QTY 672 PCS Housing Housing Color Brown, Black*, or Customized* EPA 2.27 ft² Waterproof Rating WET (IP65) Operating Temperature Storage Temperature Operating Humidity Operating Humidity Storage Humidity Die-cast aluminum WET (IP65) Wethout Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO Storage Temperature -40°C TO 85°C Operating Humidity 10% - 95% RH		Sensor Type	Occupancy Sensor*、Exterior Photocell*、Integral Sensor Receptacle*			
DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* LED Brand 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) Operating Temperature Storage Temperature Operating Humidity Storage Humidity Note Motion PIR sensor*, Photocell Receptacle*, Shorting Cap* Lumileds Lumileds Lumileds 2835 LED QTY 672 PCS With Group Receptacle*, Shorting Cap* Another Sensor* Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO 85°C Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH		Optional Accessory	Photocontrol*, Surge-protective Device*, DC Motion Mircowave Sensor*,			
MATERIALS 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) 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			DC Motion PIR sensor*, Photocell Receptacle*, Shorting Cap*			
MATERIALS Housing Die-cast aluminum Housing Color Brown, Black*, or Customized* EPA 2.27 ft² Waterproof Rating WET (IP65) Operating Temperature Storage Temperature Operating Humidity Storage Humidity Storage Humidity 10% - 95% RH		LED Brand	Lumileds			
Housing Color Brown, Black*, or Customized* EPA 2.27 ft² Waterproof Rating WET (IP65) Operating Temperature Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO 50°C; With Motion Sensor: -30°C TO 85°C Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH		LED Type	2835			
Housing Color EPA 2.27 ft² Waterproof Rating Operating Temperature Storage Temperature Operating Humidity Storage Humidity Storage Humidity Westerproof Rating Operating Temperature -40°C TO 85°C Operating Humidity 20% -90% RH Storage Humidity 10% -95% RH		LED QTY	672 PCS			
EPA 2.27 ft² Waterproof Rating Operating Temperature Storage Temperature Operating Humidity Storage Humidity Storage Humidity 10% - 95% RH	MATERIALS	Housing	Die-cast aluminum			
Waterproof Rating Operating Temperature Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO Storage Temperature Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH		Housing Color	Brown, Black*, or Customized*			
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		EPA	2.27 ft²			
Storage Temperature -40°C TO 85°C Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH		Waterproof Rating	WET (IP65)			
OTHERS Operating Humidity 20% - 90% RH Storage Humidity 10% - 95% RH	OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO			
Storage Humidity 10% - 95% RH		Storage Temperature	-40°C TO 85°C			
		Operating Humidity	20% - 90% RH			
Warranty 5 years		Storage Humidity	10% - 95% RH			
		Warranty	5 years			



PLT-13145 - Selectable LED Area Light

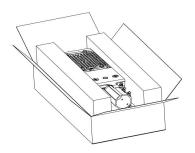
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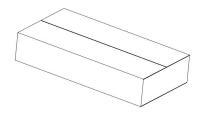
PACKAGE

*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	1 PCS	5.74KG[12.65LBS]	6.89KG[15.20LBS]
PLT-13147	(30.5*14.6*5.63in)	1 PCS	5.94KG[13.10LBS]	7.15KG[15.76LBS]
PLT-13149	(30.3 14.0 3.0311)	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.		