

LED Shoebox UF111E-114E

50W/80W/100W/150W/200W/300W

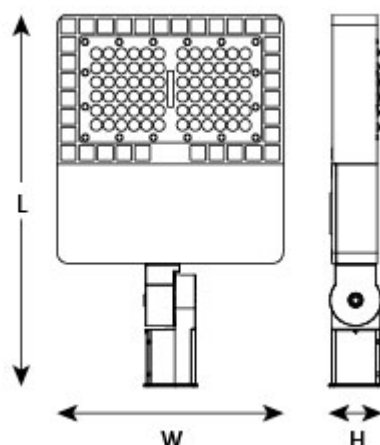
Features

- 50W / 80W / 100W / 150W / 200W / 300W LED Shoebox
- Customized lens from Type I to V
- Support different mounting demands
- High efficacy >160lm/W
- Uniform light output
- Support multi-applications such as parking lot light, street light, tunnel light, wall pack and floodlight
- Good color rendition, Ra ≥70



Diagrams

Dimensions:

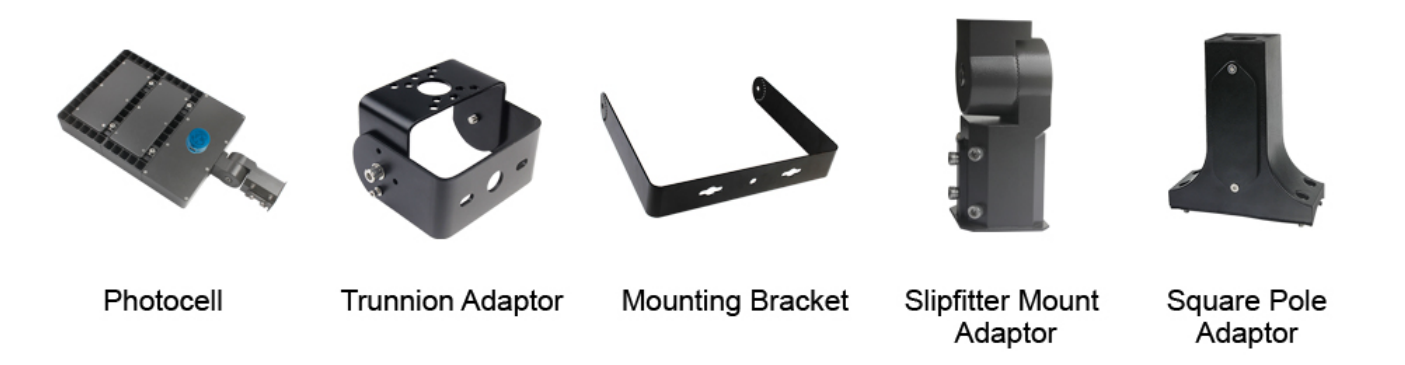


(Unit : inch)	(L)	(W)	(H)
UF111E	18.5 x	10.7 x	1.97
UF112E	23.5 x	13 x	3.46
UF113E	31 x	13 x	3.46

Prosperity Lamps & Components Ltd.

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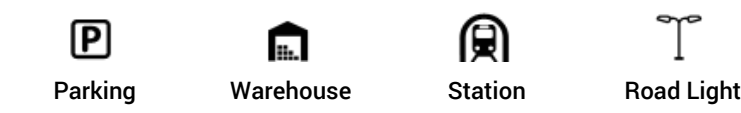
Accessories:



Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	50W / 80W / 100W / 150W / 200W / 300W
Rated Voltage [V/Hz]	100-277Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	463 / 741 / 926 / 1389 / 1852 / 2778
Model	
UF111E-50W/7XX	50W
UF111E-80W/7XX	80W
UF112E-100W/7XX	100W
UF112E-150W/7XX	150W
UF113E-200W/7XX	200W
UF113E-300W/7XX	300W
Luminous Flux [lm]	

50W	7500lm @3000K
	7750lm @4000K
	8000lm @5000K
80W	12000lm @3000K
	12400lm @4000K
	12800lm @5000K
100W	15000lm @3000K
	15500lm @4000K
	16000lm @5000K
150W	22500lm @3000K
	23250lm @4000K
	24000lm @5000K
200W	30000lm @3000K
	31000lm @4000K
	32000lm @5000K
300W	45000lm @3000K
	46500lm @4000K
	48000lm @5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	6.02 / 9.64 / 12.05 / 18.07 / 24.09 / 36.14
Luminous Efficacy [lm/W]	150-160
Color Rendering Index [Ra]	≥70
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	125x46
Life [Yrs] (based on 3hrs/day)	46
Lumen Maintenance at 6000hrs	>0.8
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Mechanical	
Length L [in]	18.5 / 18.5 / 23.5 / 23.5 / 31 / 31
Width W [in]	10.7 / 10.7 / 13 / 13 / 13 / 13
Height H [in]	1.97 / 1.97 / 3.46 / 3.46 / 3.46 / 3.46
Material	Body: Die-casting aluminium housing with PC lens Chips: Lumileds SMD3030
Standard Compliance	
ANSI	UL8750, UL1993, UL1598, C82.77-2002, C78.377-2008
FCC	FCC CFR Part 15, FCC CFR Part 18
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	N
Operation Temperature	-20°C ~ 50°C

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Storage Temperature

-10°C ~ 30°C