

LED Floodlight UF131E-137E

10W/20W/30W/50W/100W/150W/200W

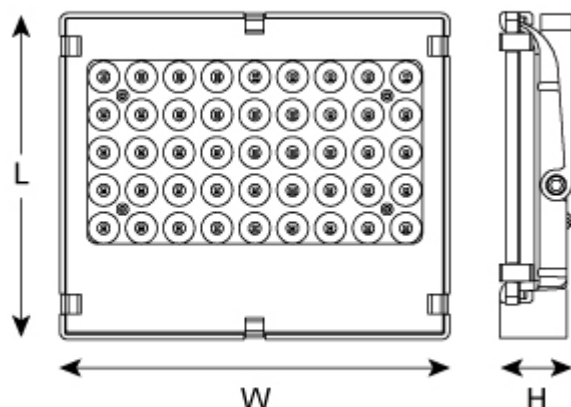
Features

- 10W / 20W / 30W / 50W / 100W / 150W / 200W LED Floodlight
- Polyester powder finish for excellent corrosion and UV resistance
- Designed for excellent thermal transfer to extend component life
- Uniform design with seven construction sizes
- Good heat dissipation performance
- Good color rendition, Ra ≥80



Diagrams

Dimensions:



(Unit : mm)	(L)	(D)	(H)
UF131E	125 x	135 x	39
UF132E	160 x	165 x	37
UF133E	154 x	180 x	44
UF134E	190 x	227 x	44
UF135E	310 x	268 x	49
UF136E	310 x	378 x	52
UF137E	333 x	444 x	54

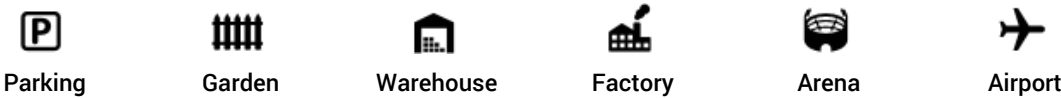
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Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	10W/20W/30W/50W/100W/150W/200W
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz
Power Factor @230V	0.5 / 0.5 / 0.9 / 0.9 / 0.9 / 0.9 / 0.9
Input Current [mA] @230V	87 / 174 / 145 / 242 / 483 / 725 / 966
LED	SMD
Model	
UF131E-10W/8XX	10W
UF132E-20W/8XX	20W
UF133E-30W/8XX	30W
UF134E-50W/8XX	50W
UF135E-100W/8XX	100W
UF136E-150W/8XX	150W
UF137E-200W/8XX	200W
Luminous Flux (lm)	
10W	800lm @3000K
	820lm @4000K
	850lm @6500K
20W	1600lm @3000K
	1650lm @4000K
	1700lm @6500K
30W	2400lm @3000K
	2450lm @4000K
	2500lm @6500K
50W	4000lm @3000K
	4100lm @4000K
	4200lm @6500K

100W	8000lm @3000K
	8200lm @4000K
	8500lm @6500K
150W	12000lm @3000K
	12300lm @4000K
	12600lm @6500K
200W	16000lm @3000K
	16400lm @4000K
	17000lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	80-85
Color Rendering Index [Ra]	≥80
Beam Angle [°]	110
Rated Life, Ta@25°C [hrs]	50,000
Lamp Survival Factor at 6000hrs	>0.9
Lumen Maintenance at 6000hrs	>0.8
Number of Switching Cycles Before Failure	>15,000
Starting Time [S]	<0.5
Warm Up Time [S]	<2
Premature Failure At 1000hrs	<5%
Mechanical	
Length L [mm]	125 / 160 / 154 / 190 / 310 / 310 / 333
Width W [mm]	135 / 165 / 180 / 227 / 268 / 378 / 444
Height H [mm]	39 / 37 / 44 / 44 / 49 / 52 / 54
Material	Body : Sturdy die-cast aluminium housing with anodised steel bracket and extruded silicone rubber gasket for long life
	Diffuser : Toughened glass
Standard Compliance	
CE-LVD	EN60598-1, EN60598-2-2
CE-EMC	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Mercury Content [mg]	0.0
Electrical Class	I
Other	
Dimmable [Y/N]	N
Operation Temperature [°C]	-10°C ~ 40°C
Storage Temperature [°C]	-20°C ~ 60°C