

LED Floodlight UF5001-5006

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

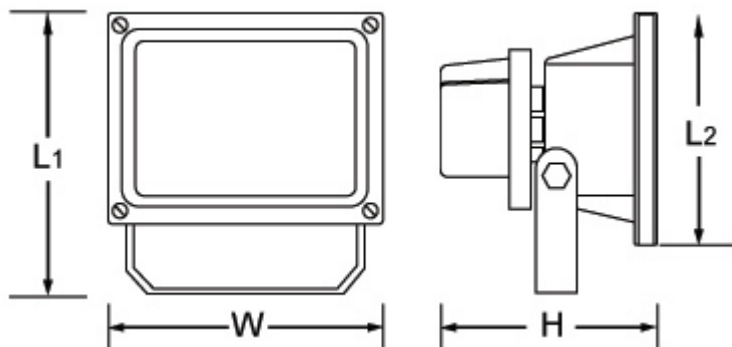
Features

- 10W / 20W / 30W / 50W / 100W / 150W LED Floodlight
- Precise beam angle control by high purity reflector
- Polyester powder finish for excellent corrosion and UV resistance
- Designed for excellent thermal transfer to extend component life
- Uniformed design with five construction sizes
- Color Rendering index: ≥ 70
- Option: PIR Sensor & Tripod Stand



Diagrams

Dimensions:



	(L1)	(L2)	(W)	(H)
UF5001 :	130 (85)	x	113	x 75
UF5002 :	170 (140)	x	180	x 100
UF5003 :	191 (184)	x	225	x 111
UF5004 :	240 (233)	x	285	x 140
UF5005 :	325 (325)	x	425	x 200
UF5006 :	325 (325)	x	425	x 200

Standards

**IP65**

Prosperity Lamps & Components Ltd.

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Applications



Arena

Technical Data		
Electrical		
Rated Wattage [W]	10W/20W/30W/50W/100W/150W	
Rated Voltage [V/Hz]	220-240Vac, 50/60Hz	
Power Factor @230V	0.5 / 0.5 / 0.9 / 0.9 / 0.9 / 0.9	
Input Current [mA] @230V	87 / 174 / 145 / 242 / 483 / 725	
LED	SMD (300mA/600mA/900mA/ 1500mA/3200mA/4800mA)	
Model		
UF5001-3-ALB010-03	10W 3000K	
UF5001-3-ALD010-03	10W 4200K	
UF5001-3-ALG010-03	10W 6500K	
UF5002-3-ALB020-03	20W 3000K	
UF5002-3-ALD020-03	20W 4200K	
UF5002-3-ALG020-03	20W 6500K	
UF5003-3-ALB030-03	30W 3000K	
UF5003-3-ALD030-03	30W 4200K	
UF5003-3-ALG030-03	30W 6500K	
UF5004-3-ALB050-03	50W 3000K	
UF5004-3-ALD050-03	50W 4200K	
UF5004-3-ALG050-03	50W 6500K	
UF5005-3-ALB100-03	100W 3000K	
UF5005-3-ALD100-03	100W 4200K	
UF5005-3-ALG100-03	100W 6500K	
UF5006-3-ALB150-03	150W 3000K	
UF5006-3-ALD150-03	150W 4200K	
UF5006-3-ALG150-03	150W 6500K	
Luminous Flux (lm)		
10W	630lm @3000K	
	650lm @4200K	
	680lm @6500K	
20W	1400lm @3000K	
	1500lm @4200K	
	1600lm @6500K	
30W	2000lm @3000K	

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	2100lm @4200K
	2200lm @6500K
50W	3400lm @3000K
	3500lm @4200K
	3600lm @6500K
100W	6300lm @3000K
	6500lm @4200K
	6800lm @6500K
150W	9400lm @3000K
	9700lm @4200K
	10000lm @6500K
Performance	
SDCM	<6
Efficacy [lm/W]	63-80
Color Rendering Index [Ra]	≥70
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 L1 (L2) x Width W x Height H [all in mm]	UF5001 : 130 (85) x 113 x 75
	UF5002 : 170 (140) x 180 x 100
	UF5003 : 191 (184) x 225 x 111
	UF5004 : 240 (233) x 285 x 140
	UF5005 : 325 (325) x 425 x 200
	UF5006 : 325 (325) x 425 x 200
Material	Body : Sturdy die-cast aluminium housing with anodised steel bracket and extruded silicone rubber gasket for long life
	Reflector : Polish aluminium
	Diffuser : Tempered 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

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