Floryn FLU

Exterior Lighting / Floodlight

50-400w

Features

Power adjustable high performance LED floodlight
6 sizes covering popular powers from 25w to 400w
Streamlined and slim design crafted for aesthetic appeal
High efficacy up to 180lm/w
Built-in photocell for daylight detection
Auto power adjustment & power OFF feature

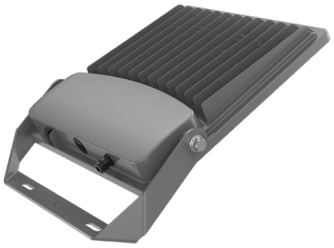


Applications

Surface mounted Led floodlight IP66 is designed to use for buildings, factories, traffic arteries, garden, sports complex, car parks and etc.

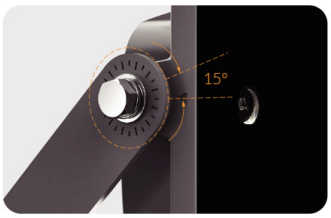
Standards

EN55015	Radio disturbance emissions
EN61000-3-2	Limited for harmonic emissions
EN61347-1-2-13	LED Modules for general & safety
EN61547	Immunity requirements
EN62471	Photobiological safety of lamps and systems



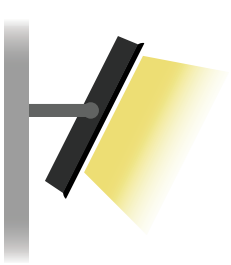
Specification

Housing Material	Powder coated aluminium alloy
Visor	Tempered glass
Optics	Polycarbonate
Surge Protection	L-N:10KV, L/N-PE:10KV L-N:4KV, L/N-PE:6KV (FLU50)
Input Voltage	220-240Vac
Frequency	50/60Hz
Operating temp.	-30°c to +50°c
Power factor	>0.9
Typ. CRI (Ra)	>70 (80 optional)
Beam angle	F01602(70x125° tilt55°), F01604(30°) F01605(60°), F01609(70x146° tilt50°)
IP Rating	IP66
IK Rating	IK08
Rated Life Span	>138,000hrs (L70)

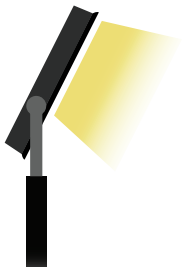


Adjustable bracket provides precise lighting with 15° increments

Mounting



Trunnion



Pole

OUTDOOR IP66 IK08

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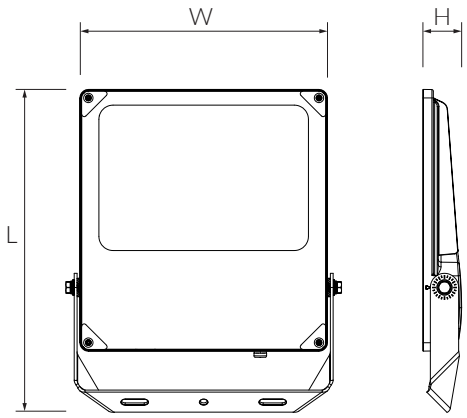
Dimensions



General Efficiency models (150-155lm/w)

Model	Nominal Power (W)	LED Lumen (lm)	Colour Temp. (K)	EPA (M^2)	Dimension LxWxH (mm)	Weight (kg)
FLU50	25/50	7500	3000/4000/5000	0.06	322×234×55	2.0
FLU100	50/75/100	15500	3000/4000/5000	0.10	366×315×55	3.0
FLU150	75/112/150	23250	3000/4000/5000	0.12	417×328×55	3.8
FLU200	100/150/200	31000	3000/4000/5000	0.16	456×390×55	4.6
FLU240	120/180/240	37200	3000/4000/5000	0.20	504×434×63	6.3
FLU300	150/225/300	46500	3000/4000/5000	0.20	504×434×63	6.3
FLU400	200/300/400	62000	3000/4000/5000	0.24	604×442×65	8.3

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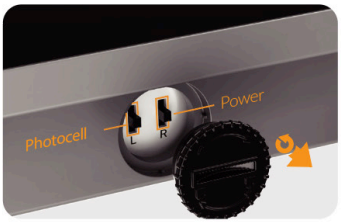
High Efficiency models (175-180lm/w)

Model	Nominal Power (W)	LED Lumen (lm)	Colour Temp. (K)	EPA (M^2)	Dimension LxWxH (mm)	Weight (kg)
FLU50H	25/50	8750	3000/4000/5000	0.06	322×234×55	2.0
FLU100H	50/75/100	18000	3000/4000/5000	0.10	366×315×55	3.0
FLU150H	75/112/150	27000	3000/4000/5000	0.12	417×328×55	3.8
FLU200H	100/150/200	36000	3000/4000/5000	0.16	456×390×55	4.6
FLU240H	120/180/240	43200	3000/4000/5000	0.20	504×434×63	6.3
FLU300H	150/225/300	54000	3000/4000/5000	0.20	504×434×63	6.3
FLU400H	200/300/400	72000	3000/4000/5000	0.24	604×442×65	8.3

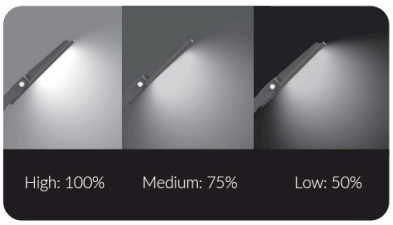
Note: The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified person.



Quick adjustments with built-in photocell & power switch



Automatically illuminates in low light. Enhancing safety



Support 3 power levels to adapt various environments

All photometric and electrical data published are of ±10% tolerance. Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a suitably qualified person. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.

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