

# Floryn - FLS G2

Exterior Lighting / Floodlight



DAVIS LIGHTING

## Features

Modern and elegant design

Durable and slim aluminium die-cast housing

Tempered glass for improved impact rating & self-clean design

Available in 15-300W models

Variety of lighting distributions available to suit any application

IP66 and IK08 rated

Instant turn ON

## Applications

Stadium, Exhibition centers

Parking lots

Billboard, Signages

Factories, Warehouses

Courtyards, Building exteriors

## Options

0-10V + Resistor + PWM dimming

10kV SPD

## Standards

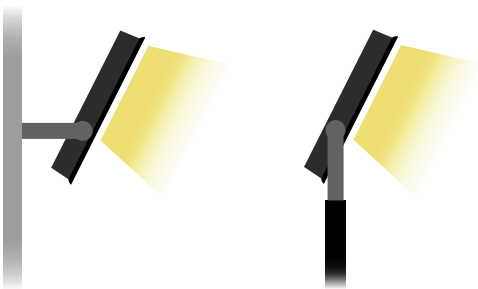
Manufactured under ISO 9001:2015 to standards

IEC/AS/NZS 60598.1

IEC/AS/NZS 60598.2.5

IEC/AS/NZS CISPR 15

## Mounting Methods



Trunnion

Pole



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## Product Code Key

Model	Power	Generation	- CRI & Colour Temp.	Dimming	Distribution Pattern
FLS	15 = 15W 20 = 20W 30 = 30W 50 = 50W 100 = 100W 150 = 150W 200 = 200W 240 = 240W 300 = 300W	G2	R83 = CRI>80, 3000K R84 = CRI>80, 4000K R85 = CRI>80, 5000K R86 = CRI>80, 6000K	D05 = 0-10v + PWM + Resistor (optional)  omit code for standard non dimmable	Z01 = Asymmetric Z02 = 60° Z03 = Type I Very short 26°x60° tilt 10° Z04 = 25°

e.g. FLS100G2-R84Z01 = FLS Gen2 series 100W, 4000K CRI >80 with Asymmetric beam angle

## Specifications

Model	FLS15G2 -xyz	FLS20G2 -xyz	FLS30G2 -xyz	FLS50G2 -xyz	FLS100G2 -xyz	FLS150G2 -xyz	FLS200G2 -xyz	FLS240G2 -xyz	FLS300G2 -xyz
Nominal Power (W)	15	20	30	50	100	150	200	240	300
Input Voltage	220 - 240 VAC 50 / 60 Hz								
Luminaire Flux (lm)	2444	3126	4582	6808	15,207	21,505	28,221	35,041	43,557
Luminaire Efficacy (lm/W)	149	146	144	135	145	143	142	144	145
CRI	> 80								
Power Factor	> 0.90								
Colour Temp. (K)	3000 / 4000 / 5000 / 6000								
SDCM	≤ 6								
Beam Angle (°)	Asymmetric / 60° / Type I Very short 26°x60° tilt 10° / 25°								
Luminaire Rated Life (hrs)	> 50,000								
Operating Temp. (°C)	-30 to +40								
Weight (kg)	2.0	2.0	2.1	2.1	2.8	3.8	4.8	6.3	7.4

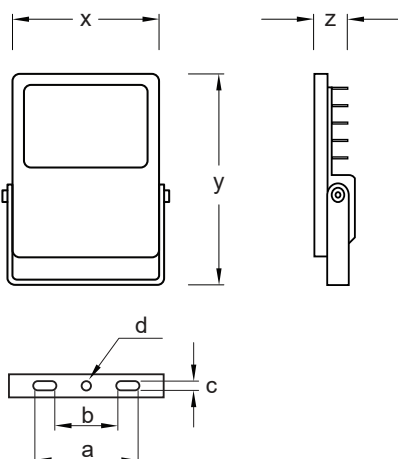
"x" denotes CRI & CCT, R83 = CRI>80, 3000K ; R84 = CRI>80, 4000K ; R85 = CRI>80, 5000K ; R86 = CRI>80, 6000K

"y" denotes Dimming, D05 = 0-10v + PWM + Resistor (omit code for standard non dimmable)

"z" denotes Beam Angle, Z01 = Asymmetric ; Z02 = 60° ; Z03 = Type I Very short 26°x60° tilt 10° ; Z04 = 25°

\*Specifications shown for 4000K, Asymmetric beam angle

## Dimensions



Model	x (mm)	y (mm)	z (mm)	a (mm)	b (mm)	c (mm)	d (mm)
FLS15G2	214	247	57	119	81	11	Ø 11
FLS20G2	214	247	57	119	81	11	Ø 11
FLS30G2	214	247	57	119	81	11	Ø 11
FLS50G2	214	247	57	119	81	11	Ø 11
FLS100G2	244	301	64	163	121	11	Ø 11
FLS150G2	274	343	65	170	120	11	Ø 11
FLS200G2	316	398	69	190	120	11	Ø 11
FLS240G2	383	444	76	260	180	11	Ø 11
FLS300G2	383	444	76	260	180	11	Ø 11

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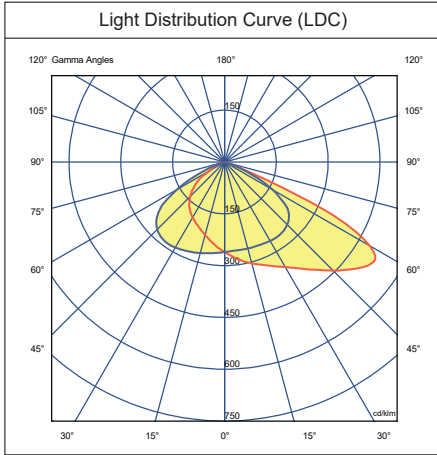
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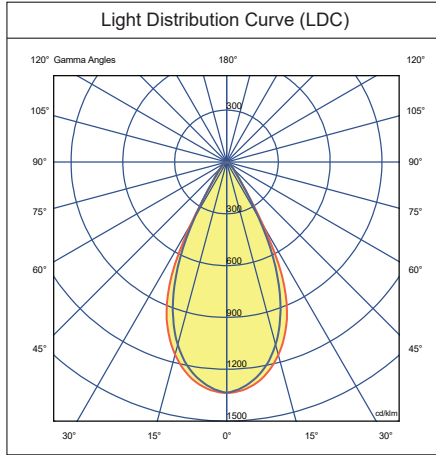
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## Lighting Data

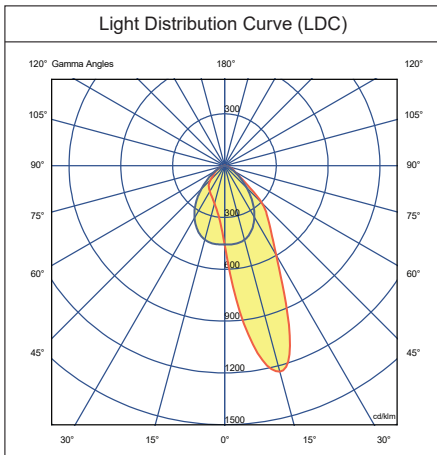
FLS150G2-R84Z01



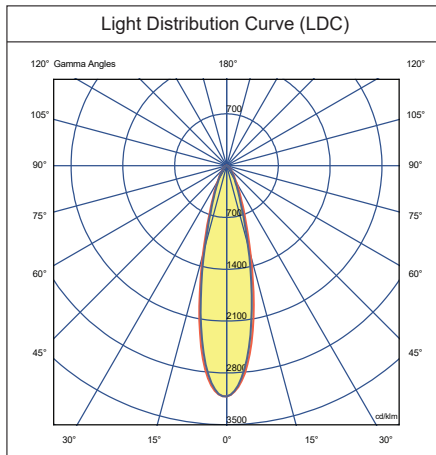
FLS150G2-R84Z02



FLS150G2-R84Z03



FLS150G2-R84Z04



15W  
20W  
30W  
50W

100W

150W

200W

240W  
300W



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## Accessories



### Pole mounting adaptor

Part Number:

- FLSG2P42 (Ø 42mm)
- FLSG2P76 (Ø 76mm)



### Pole mounting adaptor

Part Number:

- FLSG2P60 (Ø 60mm)



### Spike

Part Number:

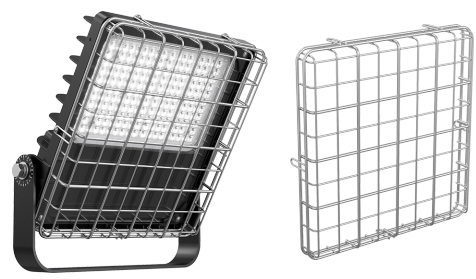
- FLSG2S50 (15W-50W)
- FLSG2S100 (100W)
- FLSG2S150 (150W)
- FLSG2S200 (200W)
- FLSG2S300 (240W-300W)



### Visor

Part Number:

- FLSG2V50 (15W-50W)
- FLSG2V100 (100W)
- FLSG2V150 (150W)
- FLSG2V200 (200W)
- FLSG2V300 (240W-300W)



### Wire Guard

Part Number:

- FLSG2G50 (15W-50W)
- FLSG2G100 (100W)
- FLSG2G150 (150W)
- FLSG2G200 (200W)
- FLSG2G300 (240W-300W)



### Outreach arm (Length: 1035mm)

Part Number:

- FLSG2A50  
(For 15W-50W only)



### Motion sensor (with sensor support)

Part Number:

- FLSG2MS



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FLS G2 211215