



Floodlight-FL-V

Specification Sheet

30W-100W

Version 1.0
April 20, 2017



The FL-V Flood Lights are the best combination of value and performance for replacing SON fixtures, typically mounted up to 6m and below.

Features & Benefits

- Up to 110lm/w system efficacy
- Available from 30w to 100w
- Premium grade aluminum die cast body and stainless steel hardware
- High performance thermal management design ensures low LED junction temperature and high lumen maintenance
- Wide variety of optics to deliver the ideal lighting design
- IP65 weather resistant
- 0-10V or DALI Dimming optional
- Outside paint colours. Available in black, grey or white colour

Applications

Designed for low level site and area applications such as;

- Building facades
- Security
- Industrial
- Signage & Billboards
- Landscape
- Commercial spaces

Technical Specification

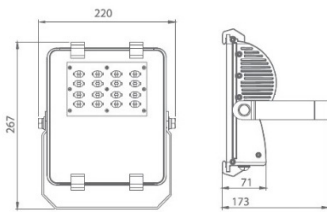
Description	LED Flood Light (FL-V)					
Recommended Product Location	Low level site and area lighting applications					
Model	FL-V-30W	FL-V-40W	FL-V-50W	FL-V-60W	FL-V-80W	FL-V-100W
LED Max Power (W)	30W	40W	50W	60W	80W	100W
Typical System Power (W)	33W	44W	55W	66W	88W	110W
Typical Luminous Flux (lm)	3,600	4,800	6,000	7,200	9,600	12,000
Dimensions (mm)	267x71x220	267x71x220	267x71x267	267x71x267	267x71x322	267x71x322
Weight (kg)	6.2	6.2	8	8	9.6	9.6
Light Source	Lumileds Luxeon TX (default) / Osram Oslon Square / Cree XPG3					
Correlated Colour Temperature	3000K, 4000K, 5000K, 5700K, 6500K					
Colour Rendering Index	>70 (or >80 available)					
System Efficacy	110 lm/w					
LED Junction Temp.	≤75°C (@ Ta=25°C)					
Light Distribution Options	15°x15°, 30°x30°, 60°x60°, 90°x90°, 60°x90° 85°x45°, 85°x90°, 60°x135°, 85°x135°					
Driver	Meanwell					
Input Voltage Range	100-305VAC 50/60Hz					
Power Factor	> 0.90					
Electrical Class	Class I					
Dimming Control (optional)	0-10V, DALI					
Ambient Operating Temperature	-40°C to +45°C					
Ambient Storage Temperature	-25°C to +80°C					
Material	Aluminium					
Optical Cover	Tempered Glass					
Finish	Black powder coated (customized RAL colour available upon request)					
Ingress Protection (IP)	IP65					
Batch Coded	Yes					
Certification	CE, CB, SAA, ETL					

Accessories

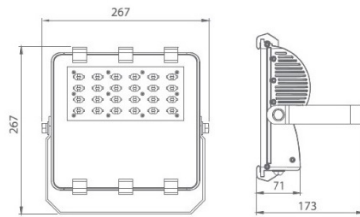
Sensor compatible

Bracket design can be custom made for different sensors
(ordered separately)

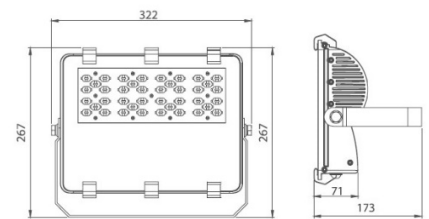
Dimensions



FL-V-30W/40W



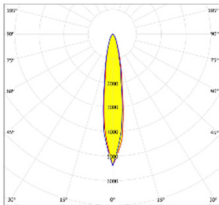
FL-V-50W/60W



FL-V-80W/100W

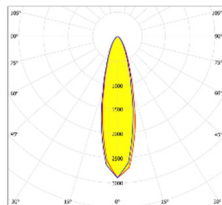
Photometrics

D15



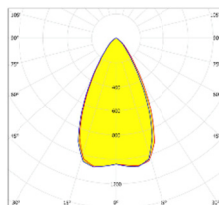
15°x15°

D30



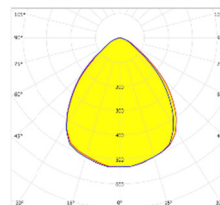
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D60



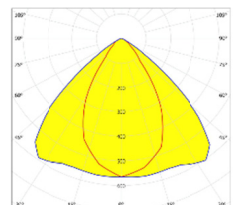
60°x60°

D90



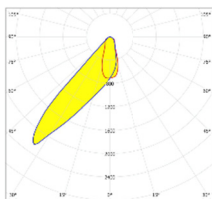
90°x90°

S60L



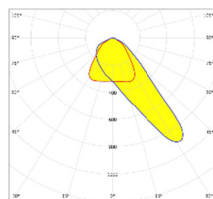
60°x90°

A045



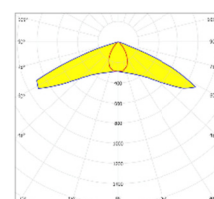
85°x45°

A090



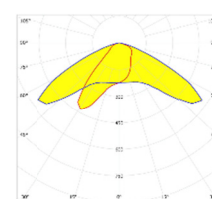
85°x90°

A135



85°x135°

A60L



60°x135°

Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control
FL-V	30W	30K = 3000K	70 = Min 70	D15 = 15°x15°	ND = Non-Dimmable
	40W	40K = 4000K	80 = Min 80	D30 = 30°x30°	VD = 0-10V Dimmable
	50W	50K = 5000K		D60 = 60°x60°	DD = DALI Dimmable
	60W	57K = 5700K		D90 = 90°x90°	
	80W	65K = 6500K		S60L = 60°x90°	
	100W			A045 = 85°x45°	
				A090 = 85°x90°	
				A135 = 85°x135°	
				A60L = 60°x135°	

Note: Actual performance may differ as a result of end-user environment and application. All values are typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.