



# Reliable and high performance LED floodlight

The SmartBright G2 LED Floodlight features best-in-class technology to deliver high lumen efficacy with a long lifetime and reliable design. The asymmetrical optical distribution improves the light effect. The product is an ideal solution for most floodlight applications.

## Benefits

- High system efficacy
- Long lifetime
- Robust design

## Features

- High efficacy 105 lm/W
- Reliable lifetime of 50,000 hours @L70B50
- Excellent thermal performance from -25°C to 40°C
- IP65, IK07 / IK08 classification
- Wide choice: 30W to 200W with 3 color temperature options
- Unique look and feel with finless housing on the low wattage version.

## Application

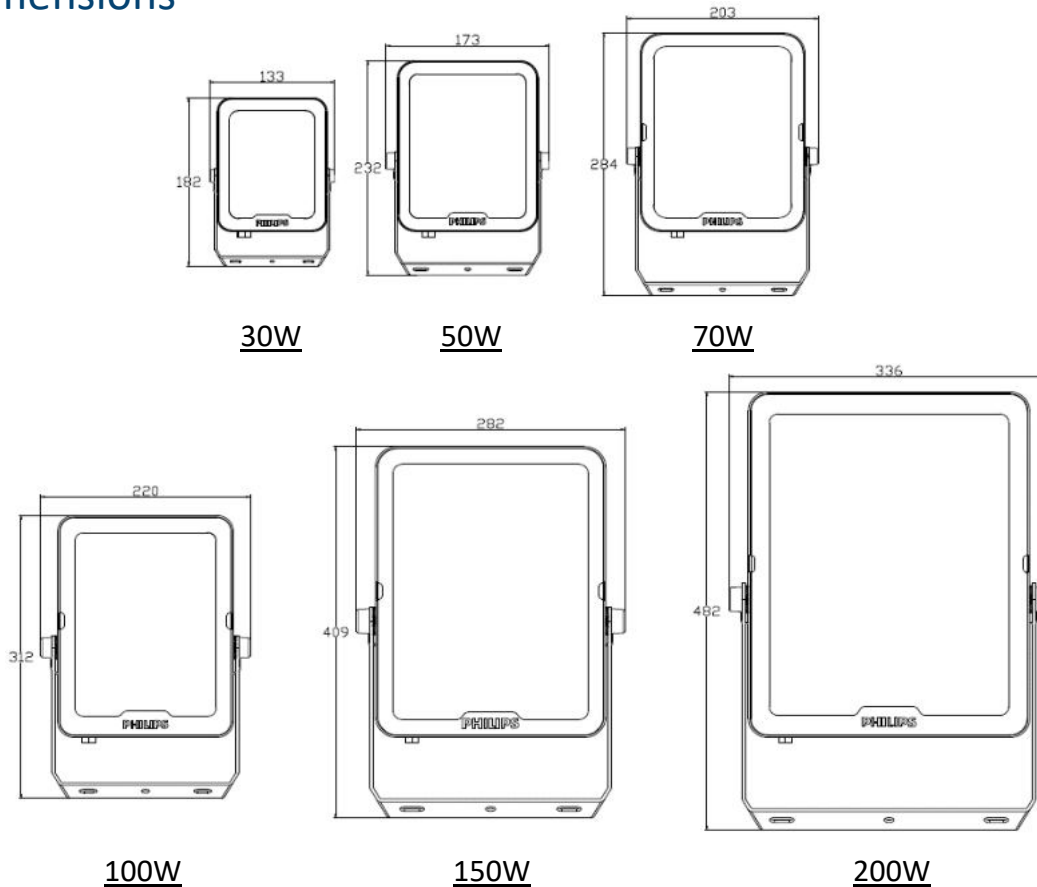
- Amenity / Security
- Landscape
- Billboard
- Architectural lighting

# Product data

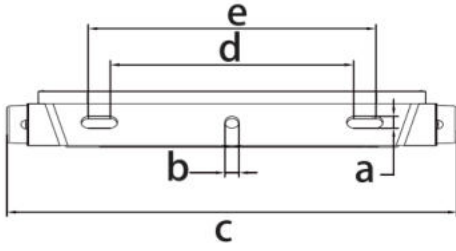
Product family	SmartBright LED Floodlight Gen 2					
Type	BVP151 30W	BVP151 50W	BVP151 70W	BVP151 100W	BVP151 150W	BVP151 200W
Suggested to replace HID flood	35W	70W	100W	150W	250W	400W
System lumen*	3150lm	5250lm	7350lm	10500lm	15750lm	21000lm
Power	30W	50W	70W	100W	150W	200W
Power factor	>0.95					
Surge protection rating	2KV	4KV				
Beam angle	Asymmetrical Wide Beam (48° ± 5° x 92° ± 8°)					
CCT	3000K (WW) / 4000K (NW) / 6500K (CW)					
CRI	≥80					
Operating temperature	-25°C to +40°C					
Lifetime	50,000hrs (L70B50 @25°C)					
IP/IK rating	IP65 / IK07	IP65 / IK08				
Electrical class	Class I					
Input voltage	220-240V to 50/60Hz					
Connection cable	1000mm length flying cable					
Mounting type	Bracket mounted					
Material and finishing	Housing: Die-cast aluminium, powder coated dark grey (RAL7043) Front Optical Glass cover Bracket: Steel, powder coated dark grey (RAL7043)					
Weight	0.83Kg	1.31Kg	1.81Kg	2.93Kg	3.04Kg	4.35Kg
Certifications	CE, CQC, CB, EMC, SAA					

\* The system lumen refers to the typical lumen output of NW (4000K) product, it could result less lumen in WW (3000K) or higher lumen in CW (6500K).

## Dimensions



# Dimensions



Type	30W	50W	70W	100W	150W	200W
a (mm)	6.5	6.5	8.5	10.5	10.5	10.5
b (mm)	Ø6.5	Ø6.5	Ø8.5	Ø10.5	Ø10.5	Ø10.5
c (mm)	173	203	220	282	282	336
d (mm)	90	110	110	150	150	210
e (mm)	110	130	130	180	180	240

# Visuals



# Order placement information

Wattage	12NC	Description	Specification
30W	911401891883	BVP151 LED31/WW PSU 30W AWB G2 GM	30W, 3000K, 1000mm flying cable, CE compliance
	911401891983	BVP151 LED31/NW PSU 30W AWB G2 GM	30W, 4000K, 1000mm flying cable, CE compliance
	911401892083	BVP151 LED31/CW PSU 30W AWB G2 GM	30W, 6500K, 1000mm flying cable, CE compliance
50W	911401892183	BVP151 LED52/WW PSU 50W AWB G2 GM	50W, 3000K, 1000mm flying cable, CE compliance
	911401892283	BVP151 LED52/NW PSU 50W AWB G2 GM	50W, 4000K, 1000mm flying cable, CE compliance
	911401892383	BVP151 LED52/CW PSU 50W AWB G2 GM	50W, 6500K, 1000mm flying cable, CE compliance
70W	911401892483	BVP151 LED73/WW PSU 70W AWB G2 GM	70W, 3000K, 1000mm flying cable, CE compliance
	911401892583	BVP151 LED73/NW PSU 70W AWB G2 GM	70W, 4000K, 1000mm flying cable, CE compliance
	911401892683	BVP151 LED73/CW PSU 70W AWB G2 GM	70W, 6500K, 1000mm flying cable, CE compliance
100W	911401892783	BVP151 LED105/WW PSU 100W AWB G2 GM	100W, 3000K, 1000mm flying cable, CE compliance
	911401892883	BVP151 LED105/NW PSU 100W AWB G2 GM	100W, 4000K, 1000mm flying cable, CE compliance
	911401892983	BVP151 LED105/CW PSU 100W AWB G2 GM	100W, 6500K, 1000mm flying cable, CE compliance
150W	911401893083	BVP151 LED157/WW PSU 150W AWB G2 GM	150W, 3000K, 1000mm flying cable, CE compliance
	911401893183	BVP151 LED157/NW PSU 150W AWB G2 GM	150W, 4000K, 1000mm flying cable, CE compliance
	911401893283	BVP151 LED157/CW PSU 150W AWB G2 GM	150W, 6500K, 1000mm flying cable, CE compliance
200W	911401893383	BVP151 LED210/WW PSU 200W AWB G2 GM	200W, 3000K, 1000mm flying cable, CE compliance
	911401893483	BVP151 LED210/NW PSU 200W AWB G2 GM	200W, 4000K, 1000mm flying cable, CE compliance
	911401893583	BVP151 LED210/CW PSU 200W AWB G2 GM	200W, 6500K, 1000mm flying cable, CE compliance

Distributed By

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2021, December 6 - data subject to change