



Trusted performance. Everyday.

SmartBright G2 LED Floodlight delivers high lumen efficacy, with long lifetime and reliable design. Asymmetric optical distribution improves light effect. The product is an ideal solution for most floodlight applications.

Features & benefits

- High system efficacy, up to 100lm/W
- Long lifetime, 50Khrs lifetime @ Ta 25°C
- Robust design, die-cast housing, Front glass
- Multiple CCT options: 3000K/4000K/5700K
- Working temperature: -25°C to +40°C

Application

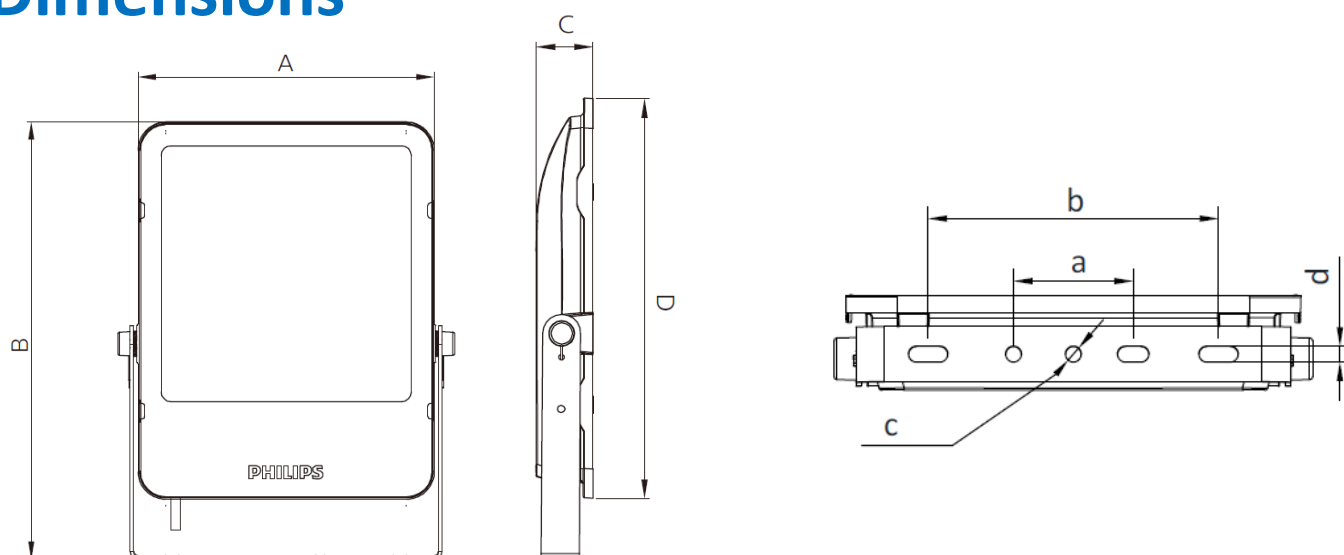
- Architectural lighting
- Landscape lighting
- Billboard lighting
- Parking area lighting
- Amenity
- Security

Product Data

Product Family	SmartBright G2 LED Floodlight BVP151					
	30W	50W	70W	100W	150W	200W
Configuration	30W	50W	70W	100W	150W	200W
System lumen * (lm)	3000 lm	5000 lm	7000 lm	10000 lm	15000 lm	20000 lm
Power factor	>0.9					
Surge Protection rating	2/2KV (DM/CM)			4/4KV (DM/CM)		
Beam angle	Asymmetrical Wide Beam (40° x 80°)					
CCT	3000K(WW)/4000K(NW)/5700K(CW)					
CRI	>80					
Operating temperature	-25°C to +40°C					
Lifetime	50,000hrs (L70B50@Ta25°C)					
IP/IK rating	IP65 / IK07			IP65 / IK08		
Electrical class	Class I					
Input voltage	220-240V, 50/60Hz					
Connection cable	600mm length flying cable					
Mounting type	Bracket mounting					
Material and finishing	Housing: Die-cast aluminum, powder coated dark grey(RAL7043) Front cover: Tempered glass Bracket: Steel, powder coated dark grey(RAL7043)					
Weight	0.8 Kg	1.45 Kg	1.98 Kg	3.28 Kg	5.02 Kg	6.26 Kg
Certifications	CE, CQC, CB, EMC, AS/NZS60598					

* System lumen refers to typical lumen output of NW(4000K) product, it could result less lumen in WW(3000K) or higher lumen in CW(5700K).

Dimensions



Unit: mm

Type	A	B	C	D	a	b	c	d
BVP151 30W	146	206	37	174	80	100	∅ 6.5	6.5
BVP151 50W	203	297	38	242	120	144	∅ 8.5	8.5
BVP151 70W	214	327	55	268	120	144	∅ 8.5	8.5
BVP151 100W	236	360	58	308	76.2	175	∅ 8.5	8.5
BVP151 150W	293	430	60	380	76.2	215	∅ 10.5	10.5
BVP151 200W	336	491	60	424	76.2	255	∅ 10.5	10.5

Product Pictures



BVP151 30W



BVP151 50W



BVP151 70W



BVP151 100W



BVP151 150W



BVP151 200W

Ordering Code

12NC	Description	Specification	For Market
911401814380	BVP151 LED100/CW 220-240V 100W AWB CQC	100W, 5700K, 600mm flying cable	Greater China
911401814280	BVP151 LED100/NW 220-240V 100W AWB CQC	100W, 4000K, 600mm flying cable	Greater China
911401814180	BVP151 LED95/WW 220-240V 100W AWB CQC	100W, 3000K, 600mm flying cable	Greater China
911401816180	BVP151 LED100/CW 220-240V 100W AWB CE	100W, 5700K, 600mm flying cable	Growth Market
911401816080	BVP151 LED100/NW 220-240V 100W AWB CE	100W, 4000K, 600mm flying cable	Growth Market
911401815980	BVP151 LED95/WW 220-240V 100W AWB CE	100W, 3000K, 600mm flying cable	Growth Market
911401814680	BVP151 LED150/CW 220-240V 150W AWB CQC	150W, 5700K, 600mm flying cable	Greater China
911401814580	BVP151 LED150/NW 220-240V 150W AWB CQC	150W, 4000K, 600mm flying cable	Greater China
911401814480	BVP151 LED143/WW 220-240V 150W AWB CQC	150W, 3000K, 600mm flying cable	Greater China
911401816480	BVP151 LED150/CW 220-240V 150W AWB CE	150W, 5700K, 600mm flying cable	Growth Market
911401816380	BVP151 LED150/NW 220-240V 150W AWB CE	150W, 4000K, 600mm flying cable	Growth Market
911401816280	BVP151 LED143/WW 220-240V 150W AWB CE	150W, 3000K, 600mm flying cable	Growth Market
911401814980	BVP151 LED200/CW 220-240V 200W AWB CQC	200W, 5700K, 600mm flying cable	Greater China
911401814880	BVP151 LED200/NW 220-240V 200W AWB CQC	200W, 4000K, 600mm flying cable	Greater China
911401814780	BVP151 LED190/WW 220-240V 200W AWB CQC	200W, 3000K, 600mm flying cable	Greater China
911401816780	BVP151 LED200/CW 220-240V 200W AWB CE	200W, 5700K, 600mm flying cable	Growth Market
911401816680	BVP151 LED200/NW 220-240V 200W AWB CE	200W, 4000K, 600mm flying cable	Growth Market
911401816580	BVP151 LED190/WW 220-240V 200W AWB CE	200W, 3000K, 600mm flying cable	Growth Market

Ordering Code

12NC	Description	Specification	For Market
911401813280	BVP151 LED30/WW 220-240V 30W AWB CQC	30W, 3000K, 600mm flying cable	Greater China
911401813380	BVP151 LED30/NW 220-240V 30W AWB CQC	30W, 4000K, 600mm flying cable	Greater China
911401813480	BVP151 LED30/CW 220-240V 30W AWB CQC	30W, 5700K, 600mm flying cable	Greater China
911401815080	BVP151 LED30/WW 220-240V 30W AWB CE	30W, 3000K, 600mm flying cable	Growth Market
911401815180	BVP151 LED30/NW 220-240V 30W AWB CE	30W, 4000K, 600mm flying cable	Growth Market
911401815280	BVP151 LED30/CW 220-240V 30W AWB CE	30W, 5700K, 600mm flying cable	Growth Market
911401813580	BVP151 LED50/WW 220-240V 50W AWB CQC	50W, 3000K, 600mm flying cable	Greater China
911401813680	BVP151 LED50/NW 220-240V 50W AWB CQC	50W, 4000K, 600mm flying cable	Greater China
911401813780	BVP151 LED50/CW 220-240V 50W AWB CQC	50W, 5700K, 600mm flying cable	Greater China
911401815380	BVP151 LED50/WW 220-240V 50W AWB CE	50W, 3000K, 600mm flying cable	Growth Market
911401815480	BVP151 LED50/NW 220-240V 50W AWB CE	50W, 4000K, 600mm flying cable	Growth Market
911401815580	BVP151 LED50/CW 220-240V 50W AWB CE	50W, 5700K, 600mm flying cable	Growth Market
911401813880	BVP151 LED70/WW 220-240V 70W AWB CQC	70W, 3000K, 600mm flying cable	Greater China
911401813980	BVP151 LED70/NW 220-240V 70W AWB CQC	70W, 4000K, 600mm flying cable	Greater China
911401814080	BVP151 LED70/CW 220-240V 70W AWB CQC	70W, 5700K, 600mm flying cable	Greater China
911401815680	BVP151 LED70/WW 220-240V 70W AWB CE	70W, 3000K, 600mm flying cable	Growth Market
911401815780	BVP151 LED70/NW 220-240V 70W AWB CE	70W, 4000K, 600mm flying cable	Growth Market
911401815880	BVP151 LED70/CW 220-240V 70W AWB CE	70W, 5700K, 600mm flying cable	Growth Market
911401816880	BVP151 LED30/WW 220-240V 30W AWB ID	30W, 3000K, 600mm flying cable	Indonesia
911401816980	BVP151 LED30/NW 220-240V 30W AWB ID	30W, 4000K, 600mm flying cable	Indonesia
911401817080	BVP151 LED30/CW 220-240V 30W AWB ID	30W, 5700K, 600mm flying cable	Indonesia
911401817180	BVP151 LED50/WW 220-240V 50W AWB ID	50W, 3000K, 600mm flying cable	Indonesia
911401817280	BVP151 LED50/NW 220-240V 50W AWB ID	50W, 4000K, 600mm flying cable	Indonesia
911401817380	BVP151 LED50/CW 220-240V 50W AWB ID	50W, 5700K, 600mm flying cable	Indonesia
911401817480	BVP151 LED70/WW 220-240V 70W AWB ID	70W, 3000K, 600mm flying cable	Indonesia
911401817580	BVP151 LED70/NW 220-240V 70W AWB ID	70W, 4000K, 600mm flying cable	Indonesia
911401817680	BVP151 LED70/CW 220-240V 70W AWB ID	70W, 5700K, 600mm flying cable	Indonesia
911401817780	BVP151 LED100/WW 220-240V 100W AWB ID	100W, 3000K, 600mm flying cable	Indonesia
911401817880	BVP151 LED100/NW 220-240V 100W AWB ID	100W, 4000K, 600mm flying cable	Indonesia
911401817980	BVP151 LED100/CW 220-240V 100W AWB ID	100W, 5700K, 600mm flying cable	Indonesia
911401818080	BVP151 LED150/WW 220-240V 150W AWB ID	150W, 3000K, 600mm flying cable	Indonesia
911401818180	BVP151 LED150/NW 220-240V 150W AWB ID	150W, 4000K, 600mm flying cable	Indonesia
911401818280	BVP151 LED150/CW 220-240V 150W AWB ID	150W, 5700K, 600mm flying cable	Indonesia
911401818380	BVP151 LED200/WW 220-240V 200W AWB ID	200W, 3000K, 600mm flying cable	Indonesia
911401818480	BVP151 LED200/NW 220-240V 200W AWB ID	200W, 4000K, 600mm flying cable	Indonesia
911401818580	BVP151 LED200/CW 220-240V 200W AWB ID	200W, 5700K, 600mm flying cable	Indonesia

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