SmartBright G2 LED Floodlight BVP151 100W/150W/200W

March 2019



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, Tempered 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

Family Look



BVP151 100W



BVP151 150W



BVP151 200W

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Energy Saving

SmartBright G2 LED floodlight incorporates high efficient, state-of-the-art LED technology, cutting energy consumption by up to 56% compared to conventional HID static light.

Type	Lumen	System power	HID equivalent	Lumen	System power	Energy saving
BVP151	10,00lm	100w	RVP250 MHN-TD 150W	9000lm	166w	40%
BVP151	15,000lm	150w	RVP350 HPI-T 250W	14000lm	274w	45%
BVP151	20,000lm	200w	RVP350 HPI-T 400W	24000lm	460w	56%



VS



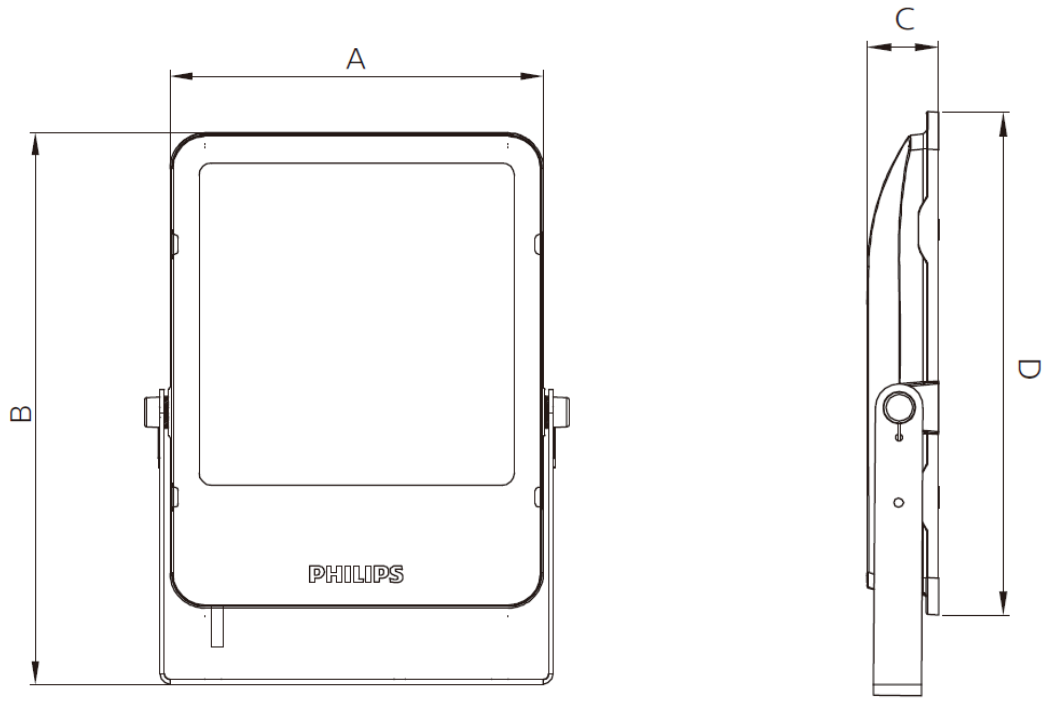
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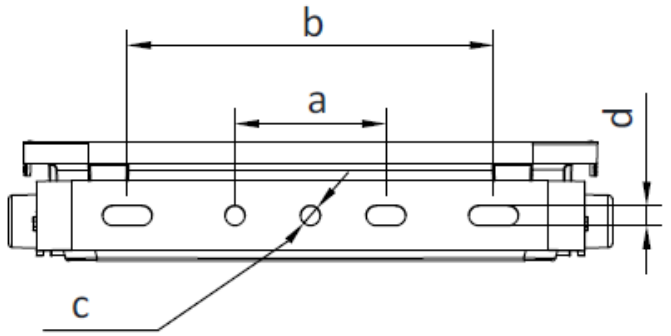
Product Data

Product Family	SmartBright G2 LED Floodlight - BVP151		
Configuration	100W	150W	200W
System lumen * (lm)	10000 lm	150000 lm	20000 lm
Power factor	>0.9		
Surge Protection rating	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 / 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	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 100W	236	360	58	308	76.2	175	Ø 8.5	8.5
BVP151 150W	293	430	60	380	76.2	215	Ø 10.5	10.5
BVP151 200W	336	491	60	424	76.2	255	Ø 10.5	10.5

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Packaging

Growth Market version



Greater China version



- 1 product in 1 individual color packaging
- Minimal packing
  - 200W: 2in1 - 2 individual color packaging in 1 outer carton brown box
  - 150w: 2in1
  - 100w: 4in1

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Ordering Information

12NC	Description	Specification	For Market	MOQ (pcs)
911401814380	BVP151 LED100/CW 220-240V 100W AWB CQC	100W, 5700K, 600mm flying cable	Greater China	80
911401814280	BVP151 LED100/NW 220-240V 100W AWB CQC	100W, 4000K, 600mm flying cable	Greater China	80
911401814180	BVP151 LED95/WW 220-240V 100W AWB CQC	100W, 3000K, 600mm flying cable	Greater China	80
911401816180	BVP151 LED100/CW 220-240V 100W AWB CE	100W, 5700K, 600mm flying cable	Growth Market	80
911401816080	BVP151 LED100/NW 220-240V 100W AWB CE	100W, 4000K, 600mm flying cable	Growth Market	80
911401815980	BVP151 LED95/WW 220-240V 100W AWB CE	100W, 3000K, 600mm flying cable	Growth Market	80
911401814680	BVP151 LED150/CW 220-240V 150W AWB CQC	150W, 5700K, 600mm flying cable	Greater China	60
911401814580	BVP151 LED150/NW 220-240V 150W AWB CQC	150W, 4000K, 600mm flying cable	Greater China	60
911401814480	BVP151 LED143/WW 220-240V 150W AWB CQC	150W, 3000K, 600mm flying cable	Greater China	60
911401816480	BVP151 LED150/CW 220-240V 150W AWB CE	150W, 5700K, 600mm flying cable	Growth Market	60
911401816380	BVP151 LED150/NW 220-240V 150W AWB CE	150W, 4000K, 600mm flying cable	Growth Market	60
911401816280	BVP151 LED143/WW 220-240V 150W AWB CE	150W, 3000K, 600mm flying cable	Growth Market	60
911401814980	BVP151 LED200/CW 220-240V 200W AWB CQC	200W, 5700K, 600mm flying cable	Greater China	60
911401814880	BVP151 LED200/NW 220-240V 200W AWB CQC	200W, 4000K, 600mm flying cable	Greater China	60
911401814780	BVP151 LED190/WW 220-240V 200W AWB CQC	200W, 3000K, 600mm flying cable	Greater China	60
911401816780	BVP151 LED200/CW 220-240V 200W AWB CE	200W, 5700K, 600mm flying cable	Growth Market	60
911401816680	BVP151 LED200/NW 220-240V 200W AWB CE	200W, 4000K, 600mm flying cable	Growth Market	60
911401816580	BVP151 LED190/WW 220-240V 200W AWB CE	200W, 3000K, 600mm flying cable	Growth Market	60


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