PHILIPS

SmartBright G2

LED Floodlight




# 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

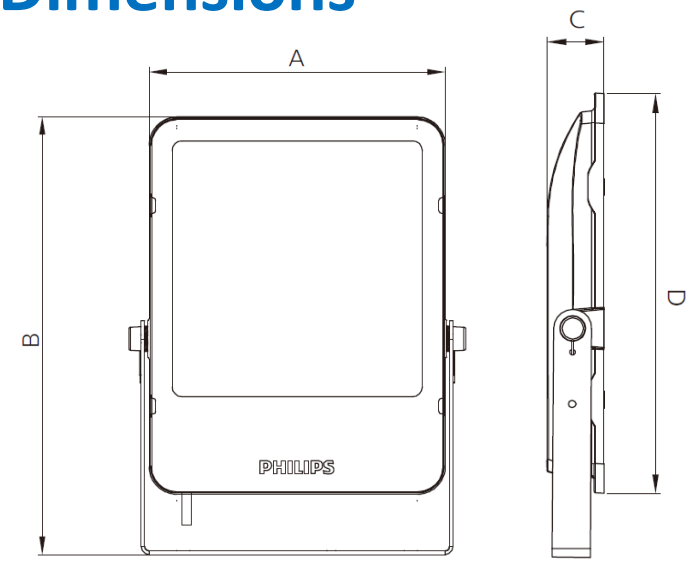
- Architectural lighting
- Landscape lighting
- Billboard lighting
- Parking area lighting
- Amenity
- Security

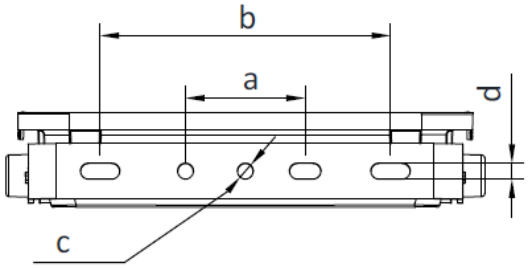
# Product Data

| Product Family | SmartBright G2 LED Floodlight BVP151 | | |
|---|---|---|---|
| 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)<br>Front cover: Tempered glass<br>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 |

# Product Pictures




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 |

© 2018 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.
All other trademarks are owned by Signify Holding or their respective owners

www.lighting.philips.com