



Less hassle, More savings

Essential SmartBright G2 LED Floodlight

Essential SmartBright G2 LED floodlight comes with a compact and sturdy design. It is light weight with die-cast aluminium housing and corrosion-proof powder coating, suitable for general outdoor application. High efficiency designed with latest LED technology, achieves substantial energy savings comparing to conventional floodlights.

Benefits

- Ideal replacement for conventional halogen floodlights with substantial energy savings
- Uniform and less glare light output
- Reliable quality and brand promise guarantee hassle free for outdoor application

Features

- CCT: 3000K/4000K/6500K
- Power: 10w/20w/30w/50w/70w
- ~80lm/w system efficacy
- 15Khrs lifetime
- Operating temperature: $-40^{\circ}\text{C} < T_a < 45^{\circ}\text{C}$
- Complies IEC60598, EMC standards

Application

- Amenity/Security/Landscape/Plaza square/Parking/Architectural lighting

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Versions



Approval and Application

Mech. impact protection code IK06

Controls and Dimming

Dimmable No

General Information

Luminaire light beam spread 100°

CE mark CE mark

Optical cover/lens type Polycarbonate
bowl/cover flat

Driver included Yes

Light source replaceable No

Initial Performance (IEC Compliant)

Init. Colour Rendering Index >80

Mechanical and Housing

Colour Black

General Information

Order Code	Full Product Name	Light source colour	Flammability mark	Number of gear units	Optic type
01858898	BVP131 LED8/NW 10W 220-240V WB	840 neutral white	NO	-	-
01858998	BVP131 LED8/CW 10W 220-240V WB	865 cool daylight	NO	-	-
01859198	BVP132 LED16/NW 20W 220-240V WB	840 neutral white	NO	-	-
01859298	BVP132 LED16/CW 20W 220-240V WB	865 cool daylight	NO	-	-
01859598	BVP132 LED24/CW 30W 220-240V WB	865 cool daylight	NO	-	-
01859898	BVP135 LED40/CW 50W 220-240V WB	865 cool daylight	NO	-	-
01860198	BVP137 LED56/CW 70W 220-240V WB	865 cool daylight	-	1 unit	Symmetrical wide beam

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
01858898	BVP131 LED8/NW 10W 220-240V WB	4000 K	800 lm
01858998	BVP131 LED8/CW 10W 220-240V WB	6500 K	800 lm
01859198	BVP132 LED16/NW 20W 220-240V WB	4000 K	1600 lm
01859298	BVP132 LED16/CW 20W 220-240V WB	6500 K	1600 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
01859598	BVP133 LED24/CW 30W 220-240V WB	6500 K	2400 lm
01859898	BVP135 LED40/CW 50W 220-240V WB	6500 K	4000 lm
01860198	BVP137 LED56/CW 70W 220-240V WB	6500 K	5600 lm

Light Technical

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
01858898	BVP131 LED8/NW 10W 220-240V WB	-	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
01858998	BVP131 LED8/CW 10W 220-240V WB	-	-

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Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
01859198	BVP132 LED16/NW 20W 220-240V WB	-	-
01859298	BVP132 LED16/CW 20W 220-240V WB	-	-
01859598	BVP133 LED24/CW 30W 220-240V WB	-	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
01859898	BVP135 LED40/CW 50W 220-240V WB	-	-
01860198	BVP137 LED56/CW 70W 220-240V WB	-	-

Application Conditions

Order Code	Full Product Name	Maximum dim level
01858898	BVP131 LED8/NW 10W 220-240V WB	-
01858998	BVP131 LED8/CW 10W 220-240V WB	-
01859198	BVP132 LED16/NW 20W 220-240V WB	-
01859298	BVP132 LED16/CW 20W 220-240V WB	-

Order Code	Full Product Name	Maximum dim level
01859598	BVP133 LED24/CW 30W 220-240V WB	-
01859898	BVP135 LED40/CW 50W 220-240V WB	-
01860198	BVP137 LED56/CW 70W 220-240V WB	Not applicable

