



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: $-40^{\circ}\text{C} < \text{Ta} < 45^{\circ}\text{C}$
- 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
01858798	BVP131 LED8/WW 10W 220-240V WB	830 warm white	NO	-	-
01858898	BVP131 LED8/NW 10W 220-240V WB	840 neutral white	NO	-	-
01858998	BVP131 LED8/CW 10W 220-240V WB	865 cool daylight	NO	-	-
01859098	BVP132 LED16/WW 20W 220-240V WB	830 warm white	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	-	-
01859398	BVP133 LED24/WW 30W 220-240V WB	830 warm white	NO	-	-
01859498	BVP133 LED24/NW 30W 220-240V WB	840 neutral white	NO	-	-
01859598	BVP133 LED24/CW 30W 220-240V WB	865 cool daylight	NO	-	-
01859698	BVP135 LED40/WW 50W 220-240V WB	830 warm white	NO	-	-
01859798	BVP135 LED40/NW 50W 220-240V WB	840 neutral white	NO	-	-
01859898	BVP135 LED40/CW 50W 220-240V WB	865 cool daylight	NO	-	-
31442699	BVP137 LED56/WW 70W 220-240V WB	830 warm white	-	1 unit	Symmetrical wide beam
31443399	BVP137 LED56/NW 70W 220-240V WB	840 neutral white	-	1 unit	Symmetrical wide beam
01860198	BVP137 LED56/CW 70W 220-240V WB	865 cool daylight	-	1 unit	Symmetrical wide beam

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
01858798	BVP131 LED8/WW 10W 220-240V WB	3000 K	800 lm
01858898	BVP131 LED8/NW 10W 220-240V WB	4000 K	800 lm
01858998	BVP131 LED8/CW 10W 220-240V WB	6500 K	800 lm
01859098	BVP132 LED16/WW 20W 220-240V WB	3000 K	1600 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
01859398	BVP133 LED24/WW 30W 220-240V WB	3000 K	2400 lm
01859498	BVP133 LED24/NW 30W 220-240V WB	4000 K	2400 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
01859698	BVP135 LED40/WW 50W 220-240V WB	3000 K	4000 lm
01859798	BVP135 LED40/NW 50W 220-240V WB	4000 K	4000 lm
01859898	BVP135 LED40/CW 50W 220-240V WB	6500 K	4000 lm
31442699	BVP137 LED56/WW 70W 220-240V WB	3000 K	5600 lm
31443399	BVP137 LED56/NW 70W 220-240V WB	4000 K	5600 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
01858798	BVP131 LED8/WW 10W 220-240V WB	-	-
01858898	BVP131 LED8/NW 10W 220-240V WB	-	-
01858998	BVP131 LED8/CW 10W 220-240V WB	-	-
01859098	BVP132 LED16/WW 20W 220-240V WB	-	-
01859198	BVP132 LED16/NW 20W 220-240V WB	-	-
01859298	BVP132 LED16/CW 20W 220-240V WB	-	-
01859398	BVP133 LED24/WW 30W 220-240V WB	-	-
01859498	BVP133 LED24/NW 30W 220-240V WB	-	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
01859598	BVP133 LED24/CW 30W 220-240V WB	-	-
01859698	BVP135 LED40/WW 50W 220-240V WB	-	-
01859798	BVP135 LED40/NW 50W 220-240V WB	-	-
01859898	BVP135 LED40/CW 50W 220-240V WB	-	-
31442699	BVP137 LED56/WW 70W 220-240V WB	-	-
31443399	BVP137 LED56/NW 70W 220-240V WB	-	-
01860198	BVP137 LED56/CW 70W 220-240V WB	-	-

Application Conditions

Order Code	Full Product Name	Maximum dim level
01858798	BVP131 LED8/WW 10W 220-240V WB	-
01858898	BVP131 LED8/NW 10W 220-240V WB	-
01858998	BVP131 LED8/CW 10W 220-240V WB	-
01859098	BVP132 LED16/WW 20W 220-240V WB	-
01859198	BVP132 LED16/NW 20W 220-240V WB	-
01859298	BVP132 LED16/CW 20W 220-240V WB	-
01859398	BVP133 LED24/WW 30W 220-240V WB	-
01859498	BVP133 LED24/NW 30W 220-240V WB	-

Order Code	Full Product Name	Maximum dim level
01859598	BVP133 LED24/CW 30W 220-240V WB	-
01859698	BVP135 LED40/WW 50W 220-240V WB	-
01859798	BVP135 LED40/NW 50W 220-240V WB	-
01859898	BVP135 LED40/CW 50W 220-240V WB	-
31442699	BVP137 LED56/WW 70W 220-240V WB	Not applicable
31443399	BVP137 LED56/NW 70W 220-240V WB	Not applicable
01860198	BVP137 LED56/CW 70W 220-240V WB	Not applicable

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