



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 aluminum 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

Essential SmartBright G2 LED Floodlight

Versions



BVP131 LED8

Approval and Application	
Mech. impact protection code	IK06
Controls and Dimming	
Dimmable	No
General Information	
Luminaire light beam spread	100°
Optical cover/lens type	Polycarbonate bowl/cover flat
Driver included	Yes
Light source replaceable	No
Initial Performance (IEC Compliant)	
Init. Color Rendering Index	>80
Mechanical and Housing	
Color	Black

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401612004	BVP131 LED8/WW 10W 220-240V WB CQC	Not applicable
911401612104	BVP131 LED8/NW 10W 220-240V WB CQC	Not applicable
911401612204	BVP131 LED8/CW 10W 220-240V WB CQC	Not applicable
911401612304	BVP132 LED16/WW 20W 220-240V WB CQC	Not applicable
911401612404	BVP132 LED16/NW 20W 220-240V WB CQC	Not applicable
911401612504	BVP132 LED16/CW 20W 220-240V WB CQC	Not applicable
911401612604	BVP133 LED24/WW 30W 220-240V WB CQC	Not applicable
911401612704	BVP133 LED24/NW 30W 220-240V WB CQC	Not applicable
911401612804	BVP133 LED24/CW 30W 220-240V WB CQC	Not applicable
911401612904	BVP135 LED40/WW 50W 220-240V WB CQC	Not applicable
911401613004	BVP135 LED40/NW 50W 220-240V WB CQC	Not applicable
911401613104	BVP135 LED40/CW 50W 220-240V WB CQC	Not applicable
911401613204	BVP131 LED8/WW 10W 100-240V WB	Not applicable
911401613404	BVP131 LED8/CW 10W 100-240V WB	Not applicable
911401613504	BVP132 LED16/WW 20W 100-240V WB	Not applicable
911401613704	BVP132 LED16/CW 20W 100-240V WB	Not applicable
911401613804	BVP133 LED24/WW 30W 100-240V WB	Not applicable
911401614004	BVP133 LED24/CW 30W 100-240V WB	Not applicable
911401614104	BVP135 LED40/WW 50W 100-240V WB	Not applicable
911401614304	BVP135 LED40/CW 50W 100-240V WB	Not applicable
911401712482	BVP137 LED56/WW 70W 220-240V WB CQC	Not applicable
911401712492	BVP137 LED56/NW 70W 220-240V WB CQC	Not applicable
911401712502	BVP137 LED56/CW 70W 220-240V WB CQC	Not applicable
911401858798	BVP131 LED8/WW 10W 220-240V WB	-
911401858898	BVP131 LED8/NW 10W 220-240V WB	-
911401858998	BVP131 LED8/CW 10W 220-240V WB	-
911401859098	BVP132 LED16/WW 20W 220-240V WB	-
911401859198	BVP132 LED16/NW 20W 220-240V WB	-
911401859298	BVP132 LED16/CW 20W 220-240V WB	-
911401859398	BVP133 LED24/WW 30W 220-240V WB	-
911401859498	BVP133 LED24/NW 30W 220-240V WB	-
911401859598	BVP133 LED24/CW 30W 220-240V WB	-
911401859698	BVP135 LED40/WW 50W 220-240V WB	-
911401859798	BVP135 LED40/NW 50W 220-240V WB	-
911401859898	BVP135 LED40/CW 50W 220-240V WB	-

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Order Code	Full Product Name	Maximum dim level
911401859998	BVP137 LED56/WW 70W 220-240V WB	Not applicable
911401860098	BVP137 LED56/NW 70W 220-240V WB	Not applicable
911401860198	BVP137 LED56/CW 70W 220-240V WB	Not applicable

General Information (1/2)

Order Code	Full Product Name	CE mark	Light source color	Flammability mark	Number of gear units
911401612004	BVP131 LED8/WW 10W 220-240V WB CQC	-	830 warm white	-	1 unit
911401612104	BVP131 LED8/NW 10W 220-240V WB CQC	-	840 neutral white	-	1 unit
911401612204	BVP131 LED8/CW 10W 220-240V WB CQC	-	865 cool daylight	-	1 unit
911401612304	BVP132 LED16/WW 20W 220-240V WB CQC	-	830 warm white	-	1 unit
911401612404	BVP132 LED16/NW 20W 220-240V WB CQC	-	840 neutral white	-	1 unit
911401612504	BVP132 LED16/CW 20W 220-240V WB CQC	-	865 cool daylight	-	1 unit
911401612604	BVP133 LED24/WW 30W 220-240V WB CQC	-	830 warm white	-	1 unit
911401612704	BVP133 LED24/NW 30W 220-240V WB CQC	-	840 neutral white	-	1 unit
911401612804	BVP133 LED24/CW 30W 220-240V WB CQC	-	865 cool daylight	-	1 unit
911401612904	BVP135 LED40/WW 50W 220-240V WB CQC	-	830 warm white	-	1 unit
911401613004	BVP135 LED40/NW 50W 220-240V WB CQC	-	840 neutral white	-	1 unit
911401613104	BVP135 LED40/CW 50W 220-240V WB CQC	-	865 cool daylight	-	1 unit
911401613204	BVP131 LED8/WW 10W 100-240V WB	CE mark	830 warm white	-	1 unit
911401613404	BVP131 LED8/CW 10W 100-240V WB	CE mark	865 cool daylight	-	1 unit
911401613504	BVP132 LED16/WW 20W 100-240V WB	CE mark	830 warm white	-	1 unit
911401613704	BVP132 LED16/CW 20W 100-240V WB	CE mark	865 cool daylight	-	1 unit

Order Code	Full Product Name	CE mark	Light source color	Flammability mark	Number of gear units
911401613804	BVP133 LED24/WW 30W 100-240V WB	CE mark	830 warm white	-	1 unit
911401614004	BVP133 LED24/CW 30W 100-240V WB	CE mark	865 cool daylight	-	1 unit
911401614104	BVP135 LED40/WW 50W 100-240V WB	CE mark	830 warm white	-	1 unit
911401614304	BVP135 LED40/CW 50W 100-240V WB	CE mark	865 cool daylight	-	1 unit
911401712482	BVP137 LED56/WW 70W 220-240V WB CQC	CE mark	830 warm white	-	1 unit
911401712492	BVP137 LED56/NW 70W 220-240V WB CQC	CE mark	840 neutral white	-	1 unit
911401712502	BVP137 LED56/CW 70W 220-240V WB CQC	CE mark	865 cool daylight	-	1 unit
911401858798	BVP131 LED8/WW 10W 220-240V WB	CE mark	830 warm white	-	-
911401858898	BVP131 LED8/NW 10W 220-240V WB	CE mark	840 neutral white	-	-
911401858998	BVP131 LED8/CW 10W 220-240V WB	CE mark	865 cool daylight	-	-
911401859098	BVP132 LED16/WW 20W 220-240V WB	CE mark	830 warm white	-	-
911401859198	BVP132 LED16/NW 20W 220-240V WB	CE mark	840 neutral white	-	-
911401859298	BVP132 LED16/CW 20W 220-240V WB	CE mark	865 cool daylight	-	-
911401859398	BVP133 LED24/WW 30W 220-240V WB	CE mark	830 warm white	-	-
911401859498	BVP133 LED24/NW 30W 220-240V WB	CE mark	840 neutral white	-	-
911401859598	BVP133 LED24/CW 30W 220-240V WB	CE mark	865 cool daylight	-	-
911401859698	BVP135 LED40/WW 50W 220-240V WB	CE mark	830 warm white	-	-
911401859798	BVP135 LED40/NW 50W 220-240V WB	CE mark	840 neutral white	-	-
911401859898	BVP135 LED40/CW 50W 220-240V WB	CE mark	865 cool daylight	-	-
911401859998	BVP137 LED56/WW 70W 220-240V WB	CE mark	830 warm white	-	1 unit

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Order Code	Full Product Name	CE mark	Light source color	Flammability mark	Number of gear units
911401860098	BVP137 LED56/NW 70W 220-240V WB	CE mark	840 neutral white	-	1 unit

Order Code	Full Product Name	CE mark	Light source color	Flammability mark	Number of gear units
911401860198	BVP137 LED56/CW 70W 220-240V WB	CE mark	865 cool daylight	-	1 unit

General Information (2/2)

Order Code	Full Product Name	Optic type
911401612004	BVP131 LED8/WW 10W 220-240V WB CQC	Symmetrical wide beam
911401612104	BVP131 LED8/NW 10W 220-240V WB CQC	Symmetrical wide beam
911401612204	BVP131 LED8/CW 10W 220-240V WB CQC	Symmetrical wide beam
911401612304	BVP132 LED16/WW 20W 220-240V WB CQC	Symmetrical wide beam
911401612404	BVP132 LED16/NW 20W 220-240V WB CQC	Symmetrical wide beam
911401612504	BVP132 LED16/CW 20W 220-240V WB CQC	Symmetrical wide beam
911401612604	BVP133 LED24/WW 30W 220-240V WB CQC	Symmetrical wide beam
911401612704	BVP133 LED24/NW 30W 220-240V WB CQC	Symmetrical wide beam
911401612804	BVP133 LED24/CW 30W 220-240V WB CQC	Symmetrical wide beam
911401612904	BVP135 LED40/WW 50W 220-240V WB CQC	Symmetrical wide beam
911401613004	BVP135 LED40/NW 50W 220-240V WB CQC	Symmetrical wide beam
911401613104	BVP135 LED40/CW 50W 220-240V WB CQC	Symmetrical wide beam
911401613204	BVP131 LED8/WW 10W 100-240V WB	Symmetrical wide beam
911401613404	BVP131 LED8/CW 10W 100-240V WB	Symmetrical wide beam
911401613504	BVP132 LED16/WW 20W 100-240V WB	Symmetrical wide beam
911401613704	BVP132 LED16/CW 20W 100-240V WB	Symmetrical wide beam
911401613804	BVP133 LED24/WW 30W 100-240V WB	Symmetrical wide beam
911401614004	BVP133 LED24/CW 30W 100-240V WB	Symmetrical wide beam
911401614104	BVP135 LED40/WW 50W 100-240V WB	Symmetrical wide beam

Order Code	Full Product Name	Optic type
911401614304	BVP135 LED40/CW 50W 100-240V WB	Symmetrical wide beam
911401712482	BVP137 LED56/WW 70W 220-240V WB CQC	Symmetrical wide beam
911401712492	BVP137 LED56/NW 70W 220-240V WB CQC	Symmetrical wide beam
911401712502	BVP137 LED56/CW 70W 220-240V WB CQC	Symmetrical wide beam
911401858798	BVP131 LED8/WW 10W 220-240V WB	-
911401858898	BVP131 LED8/NW 10W 220-240V WB	-
911401858998	BVP131 LED8/CW 10W 220-240V WB	-
911401859098	BVP132 LED16/WW 20W 220-240V WB	-
911401859198	BVP132 LED16/NW 20W 220-240V WB	-
911401859298	BVP132 LED16/CW 20W 220-240V WB	-
911401859398	BVP133 LED24/WW 30W 220-240V WB	-
911401859498	BVP133 LED24/NW 30W 220-240V WB	-
911401859598	BVP133 LED24/CW 30W 220-240V WB	-
911401859698	BVP135 LED40/WW 50W 220-240V WB	-
911401859798	BVP135 LED40/NW 50W 220-240V WB	-
911401859898	BVP135 LED40/CW 50W 220-240V WB	-
911401859998	BVP137 LED56/WW 70W 220-240V WB	Symmetrical wide beam
911401860098	BVP137 LED56/NW 70W 220-240V WB	Symmetrical wide beam
911401860198	BVP137 LED56/CW 70W 220-240V WB	Symmetrical wide beam

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401612004	BVP131 LED8/WW 10W 220-240V WB CQC	3000 K	800 lm
911401612104	BVP131 LED8/NW 10W 220-240V WB CQC	4000 K	800 lm
911401612204	BVP131 LED8/CW 10W 220-240V WB CQC	6500 K	800 lm
911401612304	BVP132 LED16/WW 20W 220-240V WB CQC	3000 K	1600 lm
911401612404	BVP132 LED16/NW 20W 220-240V WB CQC	4000 K	1600 lm
911401612504	BVP132 LED16/CW 20W 220-240V WB CQC	6500 K	1600 lm
911401612604	BVP133 LED24/WW 30W 220-240V WB CQC	3000 K	2400 lm
911401612704	BVP133 LED24/NW 30W 220-240V WB CQC	4000 K	2400 lm
911401612804	BVP133 LED24/CW 30W 220-240V WB CQC	6500 K	2400 lm
911401612904	BVP135 LED40/WW 50W 220-240V WB CQC	3000 K	4000 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401613004	BVP135 LED40/NW 50W 220-240V WB CQC	4000 K	4000 lm
911401613104	BVP135 LED40/CW 50W 220-240V WB CQC	6500 K	4000 lm
911401613204	BVP131 LED8/WW 10W 100-240V WB	3000 K	800 lm
911401613404	BVP131 LED8/CW 10W 100-240V WB	6500 K	800 lm
911401613504	BVP132 LED16/WW 20W 100-240V WB	3000 K	1600 lm
911401613704	BVP132 LED16/CW 20W 100-240V WB	6500 K	1600 lm
911401613804	BVP133 LED24/WW 30W 100-240V WB	3000 K	2400 lm
911401614004	BVP133 LED24/CW 30W 100-240V WB	6500 K	2400 lm
911401614104	BVP135 LED40/WW 50W 100-240V WB	3000 K	4000 lm
911401614304	BVP135 LED40/CW 50W 100-240V WB	6500 K	4000 lm

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Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401712482	BVP137 LED56/WW 70W 220-240V WB CQC	3000 K	5600 lm
911401712492	BVP137 LED56/NW 70W 220-240V WB CQC	4000 K	5600 lm
911401712502	BVP137 LED56/CW 70W 220-240V WB CQC	6500 K	5600 lm
911401858798	BVP131 LED8/WW 10W 220-240V WB	3000 K	800 lm
911401858898	BVP131 LED8/NW 10W 220-240V WB	4000 K	800 lm
911401858998	BVP131 LED8/CW 10W 220-240V WB	6500 K	800 lm
911401859098	BVP132 LED16/WW 20W 220-240V WB	3000 K	1600 lm
911401859198	BVP132 LED16/NW 20W 220-240V WB	4000 K	1600 lm
911401859298	BVP132 LED16/CW 20W 220-240V WB	6500 K	1600 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401859398	BVP133 LED24/WW 30W 220-240V WB	3000 K	2400 lm
911401859498	BVP133 LED24/NW 30W 220-240V WB	4000 K	2400 lm
911401859598	BVP133 LED24/CW 30W 220-240V WB	6500 K	2400 lm
911401859698	BVP135 LED40/WW 50W 220-240V WB	3000 K	4000 lm
911401859798	BVP135 LED40/NW 50W 220-240V WB	4000 K	4000 lm
911401859898	BVP135 LED40/CW 50W 220-240V WB	6500 K	4000 lm
911401859998	BVP137 LED56/WW 70W 220-240V WB	3000 K	5600 lm
911401860098	BVP137 LED56/NW 70W 220-240V WB	4000 K	5600 lm
911401860198	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
911401612004	BVP131 LED8/WW 10W 220-240V WB CQC	-	-
911401612104	BVP131 LED8/NW 10W 220-240V WB CQC	-	-
911401612204	BVP131 LED8/CW 10W 220-240V WB CQC	-	-
911401612304	BVP132 LED16/WW 20W 220-240V WB CQC	-	-
911401612404	BVP132 LED16/NW 20W 220-240V WB CQC	-	-
911401612504	BVP132 LED16/CW 20W 220-240V WB CQC	-	-
911401612604	BVP133 LED24/WW 30W 220-240V WB CQC	-	-
911401612704	BVP133 LED24/NW 30W 220-240V WB CQC	-	-
911401612804	BVP133 LED24/CW 30W 220-240V WB CQC	-	-
911401612904	BVP135 LED40/WW 50W 220-240V WB CQC	-	-
911401613004	BVP135 LED40/NW 50W 220-240V WB CQC	-	-
911401613104	BVP135 LED40/CW 50W 220-240V WB CQC	-	-
911401613204	BVP131 LED8/WW 10W 100-240V WB	-	-
911401613404	BVP131 LED8/CW 10W 100-240V WB	-	-
911401613504	BVP132 LED16/WW 20W 100-240V WB	-	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
911401613704	BVP132 LED16/CW 20W 100-240V WB	-	-
911401613804	BVP133 LED24/WW 30W 100-240V WB	-	-
911401614004	BVP133 LED24/CW 30W 100-240V WB	-	-
911401614104	BVP135 LED40/WW 50W 100-240V WB	-	-
911401614304	BVP135 LED40/CW 50W 100-240V WB	-	-
911401712482	BVP137 LED56/WW 70W 220-240V WB CQC	-	-
911401712492	BVP137 LED56/NW 70W 220-240V WB CQC	-	-
911401712502	BVP137 LED56/CW 70W 220-240V WB CQC	-	-
911401858798	BVP131 LED8/WW 10W 220-240V WB	-	-
911401858898	BVP131 LED8/NW 10W 220-240V WB	-	-
911401858998	BVP131 LED8/CW 10W 220-240V WB	-	-
911401859098	BVP132 LED16/WW 20W 220-240V WB	-	-
911401859198	BVP132 LED16/NW 20W 220-240V WB	-	-
911401859298	BVP132 LED16/CW 20W 220-240V WB	-	-
911401859398	BVP133 LED24/WW 30W 220-240V WB	-	-
911401859498	BVP133 LED24/NW 30W 220-240V WB	-	-
911401859598	BVP133 LED24/CW 30W 220-240V WB	-	-
911401859698	BVP135 LED40/WW 50W 220-240V WB	-	-
911401859798	BVP135 LED40/NW 50W 220-240V WB	-	-
911401859898	BVP135 LED40/CW 50W 220-240V WB	-	-
911401859998	BVP137 LED56/WW 70W 220-240V WB	-	-
911401860098	BVP137 LED56/NW 70W 220-240V WB	-	-
911401860198	BVP137 LED56/CW 70W 220-240V WB	-	-

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