



# Reliable and high performance LED floodlight

## SmartBright LED Floodlight

The SmartBright LED Floodlight is a versatile floodlight engineered to deliver significant energy savings, an ideal solution for diverse floodlighting applications. The product is also designed to meet relevant performance and safety standards, offering you reliable and long-lasting performance.

### Benefits

- Conventional HID floodlight replacement
- Easy to install
- Outstanding energy savings
- High quality and reliability

### Features

- Multiple CCT option: 3000K/4000K/5700K
- Multiple power option: 30w/50w/70w/100w/150w/200w
- Long lifetime: 30Khrs(L70B50)
- Wide working temp. range: -40°C ~ +45°C
- High system efficacy: up to 95lm/w

### Application

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

# SmartBright LED Floodlight

## Versions



Smartbright BVP176



BVP171 30W



BVP172 50W



BVP173 70W



BVP174 100W

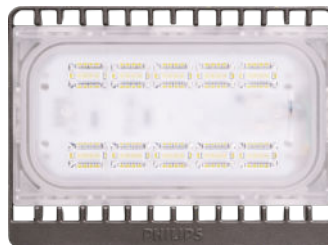
## Product details



Smartbright BVP176 Back



Smartbright BVP176 Front



Smartbright LED Floodlight BVP171  
30W Front

# SmartBright LED Floodlight

## Product details



Smartbright LED Floodlight  
BVP172 50W Front



Smartbright LED Floodlight  
BVP173 LED66 Side



Smartbright LED Floodlight  
BVP173 LED66 Back



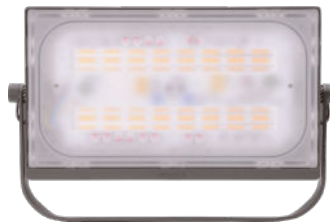
Smartbright LED Floodlight  
BVP173 LED66 Front



Smartbright LED Floodlight  
BVP174 LED95 Back



Smartbright LED Floodlight  
BVP174 LED95 Side



Smartbright LED Floodlight  
BVP174 LED95 Front

# SmartBright LED Floodlight

Approval and Application	
Mech. impact protection code	IK07
Controls and Dimming	
Dimmable	No
General Information	
Luminaire light beam spread	30° x 80°
CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover UV-resistant
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No
Initial Performance (IEC Compliant)	
Init. Color Rendering Index	>70
Mechanical and Housing	
Color	Gray

## Application Conditions

Order Code	Full Product Name	Maximum dim level
911401629204	BVP176 LED190/NW 200W WB GREY CE	-
911401629304	BVP176 LED190/CW 200W WB GREY CQC	-
911401629404	BVP176 LED190/CW 200W WB GREY SAA KC	-
911401629504	BVP176 LED190/NW 200W WB GREY SAA KC	-
911401629604	BVP176 LED190/CW 200W WB GREY CE	-
911401629704	BVP176 LED190/WW 200W WB GREY CE	-
911401630004	BVP176 LED190/WW 200W WB GREY CQC	-
911401630104	BVP176 LED190/WW 200W WB GREY SAA KC	-
911401630204	BVP176 LED190/NW 200W WB GREY CQC	-
911401694904	BVP175 LED142/WW 150W WB GREY CE	Not applicable
911401695004	BVP175 LED142/NW 150W WB GREY CE	Not applicable
911401695104	BVP175 LED142/CW 150W WB GREY CE	Not applicable
911401695204	BVP175 LED142/WW 150W WB GREY CQC	Not applicable
911401695304	BVP175 LED142/NW 150W WB GREY CQC	Not applicable
911401695404	BVP175 LED142/CW 150W WB GREY CQC	Not applicable
911401695504	BVP175 LED142/WW 150W WB GREY SAA KC	Not applicable
911401695604	BVP175 LED142/NW 150W WB GREY SAA KC	Not applicable
911401695704	BVP175 LED142/CW 150W WB GREY SAA KC	Not applicable
911401671904	BVP171 LED26/CW 30W WB GREY CQC	Not applicable
911401672204	BVP171 LED26/NW 30W WB GREY CQC	Not applicable
911401672304	BVP171 LED26/WW 30W WB GREY CQC	Not applicable
911401672404	BVP171 LED26/NW 30W WB GREY SAA KC	Not applicable
911401672604	BVP171 LED26/CW 30W WB GREY SAA KC	Not applicable
911401672704	BVP171 LED26/WW 30W WB GREY SAA KC	Not applicable
911401673204	BVP172 LED43/CW 50W WB GREY CQC	Not applicable
911401673504	BVP172 LED43/WW 50W WB GREY CQC	Not applicable
911401673604	BVP172 LED43/NW 50W WB GREY CQC	Not applicable
911401674004	BVP172 LED43/WW 50W WB GREY SAA KC	Not applicable
911401674204	BVP172 LED43/CW 50W WB GREY SAA KC	Not applicable
911401674604	BVP172 LED43/NW 50W WB GREY SAA KC	Not applicable
911401689004	BVP173 LED66/NW 70W WB GREY CQC	Not applicable
911401689104	BVP173 LED66/WW 70W WB GREY CE	Not applicable
911401689304	BVP173 LED66/NW 70W WB GREY SAA KC	Not applicable
911401689504	BVP173 LED66/WW 70W WB GREY SAA KC	Not applicable
911401689604	BVP173 LED66/CW 70W WB GREY CQC	Not applicable
911401689804	BVP173 LED66/WW 70W WB GREY CQC	Not applicable
911401690404	BVP173 LED66/CW 70W WB GREY SAA KC	Not applicable
911401689404	BVP174 LED95/WW 100W WB GREY CE	Not applicable
911401689704	BVP174 LED95/CW 100W WB GREY CE	Not applicable
911401690004	BVP174 LED95/CW 100W WB GREY CQC	Not applicable
911401690204	BVP174 LED95/NW 100W WB GREY CE	Not applicable
911401690304	BVP174 LED95/NW 100W WB GREY CQC	Not applicable
911401690604	BVP174 LED95/WW 100W WB GREY CQC	Not applicable
911401690804	BVP174 LED95/WW 100W WB GREY SAA KC	Not applicable
911401690904	BVP174 LED95/CW 100W WB GREY SAA KC	Not applicable
911401691204	BVP174 LED95/NW 100W WB GREY SAA KC	Not applicable

## Approval and Application

## SmartBright LED Floodlight

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401629204	BVP176 LED190/NW 200W WB GREY CE	-
911401629304	BVP176 LED190/CW 200W WB GREY CQC	-
911401629404	BVP176 LED190/CW 200W WB GREY SAA KC	-
911401629504	BVP176 LED190/NW 200W WB GREY SAA KC	-
911401629604	BVP176 LED190/CW 200W WB GREY CE	-
911401629704	BVP176 LED190/WW 200W WB GREY CE	-
911401630004	BVP176 LED190/WW 200W WB GREY CQC	-
911401630104	BVP176 LED190/WW 200W WB GREY SAA KC	-
911401630204	BVP176 LED190/NW 200W WB GREY CQC	-
911401694904	BVP175 LED142/WW 150W WB GREY CE	6/6 kV
911401695004	BVP175 LED142/NW 150W WB GREY CE	6/6 kV
911401695104	BVP175 LED142/CW 150W WB GREY CE	6/6 kV
911401695204	BVP175 LED142/WW 150W WB GREY CQC	6/6 kV
911401695304	BVP175 LED142/NW 150W WB GREY CQC	6/6 kV
911401695404	BVP175 LED142/CW 150W WB GREY CQC	6/6 kV
911401695504	BVP175 LED142/WW 150W WB GREY SAA KC	6/6 kV
911401695604	BVP175 LED142/NW 150W WB GREY SAA KC	6/6 kV
911401695704	BVP175 LED142/CW 150W WB GREY SAA KC	6/6 kV
911401671904	BVP171 LED26/CW 30W WB GREY CQC	4/2 kV
911401672204	BVP171 LED26/NW 30W WB GREY CQC	4/2 kV
911401672304	BVP171 LED26/WW 30W WB GREY CQC	4/2 kV
911401672404	BVP171 LED26/NW 30W WB GREY SAA KC	4/2 kV
911401672604	BVP171 LED26/CW 30W WB GREY SAA KC	4/2 kV

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401672704	BVP171 LED26/WW 30W WB GREY SAA KC	4/2 kV
911401673204	BVP172 LED43/CW 50W WB GREY CQC	4/2 kV
911401673504	BVP172 LED43/WW 50W WB GREY CQC	4/2 kV
911401673604	BVP172 LED43/NW 50W WB GREY CQC	4/2 kV
911401674004	BVP172 LED43/WW 50W WB GREY SAA KC	4/2 kV
911401674204	BVP172 LED43/CW 50W WB GREY SAA KC	4/2 kV
911401674604	BVP172 LED43/NW 50W WB GREY SAA KC	4/2 kV
911401689004	BVP173 LED66/NW 70W WB GREY CQC	-
911401689104	BVP173 LED66/WW 70W WB GREY CE	-
911401689304	BVP173 LED66/NW 70W WB GREY SAA KC	-
911401689504	BVP173 LED66/WW 70W WB GREY SAA KC	-
911401689604	BVP173 LED66/CW 70W WB GREY CQC	-
911401689804	BVP173 LED66/WW 70W WB GREY CQC	-
911401690404	BVP173 LED66/CW 70W WB GREY SAA KC	-
911401689404	BVP174 LED95/WW 100W WB GREY CE	-
911401689704	BVP174 LED95/CW 100W WB GREY CE	-
911401690004	BVP174 LED95/CW 100W WB GREY CQC	-
911401690204	BVP174 LED95/NW 100W WB GREY CE	-
911401690304	BVP174 LED95/NW 100W WB GREY CQC	-
911401690604	BVP174 LED95/WW 100W WB GREY CQC	-
911401690804	BVP174 LED95/WW 100W WB GREY SAA KC	-
911401690904	BVP174 LED95/CW 100W WB GREY SAA KC	-
911401691204	BVP174 LED95/NW 100W WB GREY SAA KC	-

### General Information

Order Code	Full Product Name	Light source color	Lamp
			family code
911401629204	BVP176 LED190/NW 200W WB GREY CE	740 neutral white	LED190
911401629304	BVP176 LED190/CW 200W WB GREY CQC	757 cool white	LED190
911401629404	BVP176 LED190/CW 200W WB GREY SAA KC	757 cool white	LED190
911401629504	BVP176 LED190/NW 200W WB GREY SAA KC	740 neutral white	LED190
911401629604	BVP176 LED190/CW 200W WB GREY CE	757 cool white	LED190
911401629704	BVP176 LED190/WW 200W WB GREY CE	730 warm white	LED190
911401630004	BVP176 LED190/WW 200W WB GREY CQC	730 warm white	LED190
911401630104	BVP176 LED190/WW 200W WB GREY SAA KC	730 warm white	LED190
911401630204	BVP176 LED190/NW 200W WB GREY CQC	740 neutral white	LED190
911401694904	BVP175 LED142/WW 150W WB GREY CE	730 warm white	LED142
911401695004	BVP175 LED142/NW 150W WB GREY CE	740 neutral white	LED142

Order Code	Full Product Name	Light source color	Lamp
			family code
911401695104	BVP175 LED142/CW 150W WB GREY CE	757 cool white	LED142
911401695204	BVP175 LED142/WW 150W WB GREY CQC	730 warm white	LED142
911401695304	BVP175 LED142/NW 150W WB GREY CQC	740 neutral white	LED142
911401695404	BVP175 LED142/CW 150W WB GREY CQC	757 cool white	LED142
911401695504	BVP175 LED142/WW 150W WB GREY SAA KC	730 warm white	LED142
911401695604	BVP175 LED142/NW 150W WB GREY SAA KC	740 neutral white	LED142
911401695704	BVP175 LED142/CW 150W WB GREY SAA KC	757 cool white	LED142
911401671904	BVP171 LED26/CW 30W WB GREY CQC	757 cool white	LED26
911401672204	BVP171 LED26/NW 30W WB GREY CQC	740 neutral white	LED26
911401672304	BVP171 LED26/WW 30W WB GREY CQC	730 warm white	LED26
911401672404	BVP171 LED26/NW 30W WB GREY SAA KC	740 neutral white	LED26
911401672604	BVP171 LED26/CW 30W WB GREY SAA KC	757 cool white	LED26

## SmartBright LED Floodlight

Order Code	Full Product Name	Light source color	Lamp family code
911401672704	BVP171 LED26/WW 30W WB GREY SAA KC	730 warm white	LED26
911401673204	BVP172 LED43/CW 50W WB GREY CQC	757 cool white	LED43
911401673504	BVP172 LED43/WW 50W WB GREY CQC	730 warm white	LED43
911401673604	BVP172 LED43/NW 50W WB GREY CQC	740 neutral white	LED43
911401674004	BVP172 LED43/WW 50W WB GREY SAA KC	730 warm white	LED43
911401674204	BVP172 LED43/CW 50W WB GREY SAA KC	757 cool white	LED43
911401674604	BVP172 LED43/NW 50W WB GREY SAA KC	740 neutral white	LED43
911401689004	BVP173 LED66/NW 70W WB GREY CQC	740 neutral white	LED66
911401689104	BVP173 LED66/WW 70W WB GREY CE	730 warm white	LED66
911401689304	BVP173 LED66/NW 70W WB GREY SAA KC	740 neutral white	LED66
911401689504	BVP173 LED66/WW 70W WB GREY SAA KC	730 warm white	LED66
911401689604	BVP173 LED66/CW 70W WB GREY CQC	757 cool white	LED66

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401629204	BVP176 LED190/NW 200W WB GREY CE	4000 K	19000 lm
911401629304	BVP176 LED190/CW 200W WB GREY CQC	5700 K	19000 lm
911401629404	BVP176 LED190/CW 200W WB GREY SAA KC	5700 K	19000 lm
911401629504	BVP176 LED190/NW 200W WB GREY SAA KC	4000 K	19000 lm
911401629604	BVP176 LED190/CW 200W WB GREY CE	5700 K	19000 lm
911401629704	BVP176 LED190/WW 200W WB GREY CE	3000 K	19000 lm
911401630004	BVP176 LED190/WW 200W WB GREY CQC	3000 K	19000 lm
911401630104	BVP176 LED190/WW 200W WB GREY SAA KC	3000 K	19000 lm
911401630204	BVP176 LED190/NW 200W WB GREY CQC	4000 K	19000 lm
911401694904	BVP175 LED142/WW 150W WB GREY CE	3000 K	14250 lm
911401695004	BVP175 LED142/NW 150W WB GREY CE	4000 K	14250 lm

Order Code	Full Product Name	Light source color	Lamp family code
911401689804	BVP173 LED66/WW 70W WB GREY CQC	730 warm white	LED66
911401690404	BVP173 LED66/CW 70W WB GREY SAA KC	757 cool white	LED66
911401689404	BVP174 LED95/WW 100W WB GREY CE	730 warm white	LED66
911401689704	BVP174 LED95/CW 100W WB GREY CE	757 cool white	LED66
911401690004	BVP174 LED95/CW 100W WB GREY CQC	757 cool white	LED66
911401690204	BVP174 LED95/NW 100W WB GREY CE	740 neutral white	LED66
911401690304	BVP174 LED95/NW 100W WB GREY CQC	740 neutral white	LED66
911401690604	BVP174 LED95/WW 100W WB GREY CQC	730 warm white	LED66
911401690804	BVP174 LED95/WW 100W WB GREY SAA KC	730 warm white	LED66
911401690904	BVP174 LED95/CW 100W WB GREY SAA KC	757 cool white	LED66
911401691204	BVP174 LED95/NW 100W WB GREY SAA KC	740 neutral white	LED66

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401695104	BVP175 LED142/CW 150W WB GREY CE	5700 K	14250 lm
911401695204	BVP175 LED142/WW 150W WB GREY CQC	3000 K	14250 lm
911401695304	BVP175 LED142/NW 150W WB GREY CQC	4000 K	14250 lm
911401695404	BVP175 LED142/CW 150W WB GREY CQC	5700 K	14250 lm
911401695504	BVP175 LED142/WW 150W WB GREY SAA KC	3000 K	14250 lm
911401695604	BVP175 LED142/NW 150W WB GREY SAA KC	4000 K	14250 lm
911401695704	BVP175 LED142/CW 150W WB GREY SAA KC	5700 K	14250 lm
911401671904	BVP171 LED26/CW 30W WB GREY CQC	5700 K	2600 lm
911401672204	BVP171 LED26/NW 30W WB GREY CQC	4000 K	2600 lm
911401672304	BVP171 LED26/WW 30W WB GREY CQC	3000 K	2600 lm
911401672404	BVP171 LED26/NW 30W WB GREY SAA KC	4000 K	2600 lm

## SmartBright LED Floodlight

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401672604	BVP171 LED26/CW 30W WB GREY SAA KC	5700 K	2600 lm
911401672704	BVP171 LED26/WW 30W WB GREY SAA KC	3000 K	2600 lm
911401673204	BVP172 LED43/CW 50W WB GREY CQC	5700 K	4300 lm
911401673504	BVP172 LED43/WW 50W WB GREY CQC	3000 K	4300 lm
911401673604	BVP172 LED43/NW 50W WB GREY CQC	4000 K	4300 lm
911401674004	BVP172 LED43/WW 50W WB GREY SAA KC	3000 K	4300 lm
911401674204	BVP172 LED43/CW 50W WB GREY SAA KC	5700 K	4300 lm
911401674604	BVP172 LED43/NW 50W WB GREY SAA KC	4000 K	4300 lm
911401689004	BVP173 LED66/NW 70W WB GREY CQC	4000 K	6650 lm
911401689104	BVP173 LED66/WW 70W WB GREY CE	3000 K	6650 lm
911401689304	BVP173 LED66/NW 70W WB GREY SAA KC	4000 K	6650 lm
911401689504	BVP173 LED66/WW 70W WB GREY SAA KC	3000 K	6650 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
911401689604	BVP173 LED66/CW 70W WB GREY CQC	5700 K	6650 lm
911401689804	BVP173 LED66/WW 70W WB GREY CQC	3000 K	6650 lm
911401690404	BVP173 LED66/CW 70W WB GREY SAA KC	5700 K	6650 lm
911401689404	BVP174 LED95/WW 100W WB GREY CE	3000 K	9500 lm
911401689704	BVP174 LED95/CW 100W WB GREY CE	5700 K	9500 lm
911401690004	BVP174 LED95/CW 100W WB GREY CQC	5700 K	9500 lm
911401690204	BVP174 LED95/NW 100W WB GREY CE	4000 K	9500 lm
911401690304	BVP174 LED95/NW 100W WB GREY CQC	4000 K	9500 lm
911401690604	BVP174 LED95/WW 100W WB GREY CQC	3000 K	9500 lm
911401690804	BVP174 LED95/WW 100W WB GREY SAA KC	3000 K	9500 lm
911401690904	BVP174 LED95/CW 100W WB GREY SAA KC	5700 K	9500 lm
911401691204	BVP174 LED95/NW 100W WB GREY SAA KC	4000 K	9500 lm

