



# Illuminating the exterior efficiently

## Essential SmartBright LED

Philips Essential SmartBright LED Floodlight not only ensures savings on initial capital, but also delivers reliable operational savings.

### Benefits

- Use with peace of mind
- Long-lasting performance
- High quality material and design
- Wide selection

### Features

- 4KV surge protection
- IP65/IK07 protection
- 30khrs life
- Wide operating temperature range (-40°C to 45°C)
- High-quality exposed flat lense enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and robustness
- Multiple choice of color temperature - warm white (3000k), neutral (4000k) and cool white (5700k)
- Multiple choice of lumen packages

### Application

- Area lighting, bill-board, façade, industry area, recreational sports and other general applications

# Essential Smartbright LED

## Versions



BVP161 100W GOLD



BVP161 50W GREY



BVP161 30W GOLD



BVP161 LED23/LED26



BVP161 LED 100W GREY

### Approval and Application

Mech. impact protection code IK07

### General Information

Driver included Yes

## Application Conditions

Order Code	Full Product Name	Average ambient temperature	Maximum dim level
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	-	-
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	-	-
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	-	-
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	-	-
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	-	-
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	-	-
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	-	-

Order Code	Full Product Name	Average ambient temperature	Maximum dim level
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	-	-
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	-	-
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	35 °C	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	35 °C	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	35 °C	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	35 °C	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	35 °C	-

## Essential Smartbright LED

Order Code	Full Product Name	Average ambient temperature	Maximum dim level
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	35 °C	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	-	Not applicable
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	-	Not applicable
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	-	Not applicable
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	-	-
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	35 °C	-
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	35 °C	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	35 °C	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	35 °C	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	35 °C	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	35 °C	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	-	-
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	-	-

Order Code	Full Product Name	Average ambient temperature	Maximum dim level
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	-	-
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	35 °C	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	35 °C	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	35 °C	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	35 °C	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	35 °C	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	35 °C	-
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	-	Not applicable
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	-	Not applicable
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	-	Not applicable
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	-	Not applicable
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	-	Not applicable
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	-	Not applicable

### Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	4/2 kV
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	4/2 kV
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	4/2 kV
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	4/2 kV
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	4/2 kV
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	4/2 kV
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	4/2 kV
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	4/2 kV
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	4/2 kV
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	EN61547 (L-L 2kV, L-G 4kV) kV
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	EN61547 (L-L 2kV, L-G 4kV) kV

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	EN61547 (L-L 2kV, L-G 4kV) kV
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	EN61547 kV
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	4/2 kV
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	4/2 kV
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	4/2 kV
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	EN61547 (L-L 2kV, L-G 4kV) kV

## Essential Smartbright LED

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	EN61547 (L-L 2kV, L-G 4kV) kV
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	EN61547 (L-L 2kV, L-G 4kV) kV
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	EN61547 (L-L 2kV, L-G 4kV) kV

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	EN61547 (L-L 2kV, L-G 4kV) kV
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	EN61547 (L-L 2kV, L-G 4kV) kV

### Controls and Dimming

Order Code	Full Product Name	Dimmable
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	No
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	No
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	No
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	No
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	No
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	No
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	No
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	No
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	No
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	No
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	No
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	No
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	No
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-

Order Code	Full Product Name	Dimmable
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	No
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	No
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	No
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	No
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	No
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	No
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	No
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	No
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	No

### General Information (1/2)

Order Code	Full Product Name	Luminaire light		Light source		ENEC mark	Flammability mark	Lamp family code
		beam spread	CE mark	color	Optical cover/lens type			
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	-	-	840 neutral white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	-	-	857 daylight	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	-	-	830 warm white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	-	-	857 daylight	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	-	-	840 neutral white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	-	-	830 warm white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	-	-	840 neutral white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-

## Essential Smartbright LED

Order Code	Full Product Name	Luminaire light		Light source		ENEC mark	Flammability mark	Lamp family code
		beam spread	CE mark	color	Optical cover/lens type			
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	-	-	857 daylight	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	-	-	830 warm white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	30° x 80°	CE mark	840 neutral white	Micro-lens optic in polycarbonate cover, wide	-	-	LED90
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	30° x 80°	CE mark	857 daylight	Micro-lens optic in polycarbonate cover, wide	-	-	LED90
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	30° x 80°	CE mark	830 warm white	Micro-lens optic in polycarbonate cover, wide	-	-	LED85
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	30° x 80°	-	840 neutral white	Polycarbonate bowl/cover	-	For mounting on normally flammable surfaces	LED43
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-	CE mark	-	-	-	-	-
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-	CE mark	-	-	-	-	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-	CE mark	-	-	-	-	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-	CE mark	-	-	-	-	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-	CE mark	-	-	-	-	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-	CE mark	-	-	-	-	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	-	-	830 warm white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	-	-	840 neutral white	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	-	-	857 daylight	Polycarbonate bowl/cover flat	-	For mounting on normally flammable surfaces	-
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-	CE mark	-	-	-	-	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-	CE mark	-	-	-	-	-

## Essential Smartbright LED

Order Code	Full Product Name	Luminaire light		Light source			ENEC	Flammability mark	Lamp family code
		beam spread	CE mark	color	Optical cover/lens type	mark			
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-	CE mark	-	-	-	-	-	
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-	CE mark	-	-	-	-	-	
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	30° x 80°	CE mark	857 daylight	Micro-lens optic in polycarbonate cover, wide	-	-	LED90	
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	30° x 80°	CE mark	840 neutral white	Micro-lens optic in polycarbonate cover, wide	-	-	LED90	
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	30° x 80°	CE mark	830 warm white	Micro-lens optic in polycarbonate cover, wide	-	-	LED85	
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	30° x 80°	CE mark	840 neutral white	Micro-lens optic in polycarbonate cover, wide	-	-	LED90	
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	30° x 80°	CE mark	857 daylight	Micro-lens optic in polycarbonate cover, wide	-	-	LED90	
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	30° x 80°	CE mark	830 warm white	Micro-lens optic in polycarbonate cover, wide	-	-	LED85	

### General Information (2/2)

Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type	Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	No	-	Wide beam	911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	No	1 unit	Symmetrical
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	No	-	Wide beam	911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	No	1 unit	Symmetrical
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	No	-	Wide beam	911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	No	1 unit	Symmetrical
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	No	-	Wide beam	911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	No	1 unit	-
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	No	-	Wide beam	911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-	-	-
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	No	-	Wide beam	911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-	-	-
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	No	-	Wide beam	911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-	-	-
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	No	-	Wide beam	911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-	-	-
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	No	-	Wide beam	911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-	-	-
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-	-	-	911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-	-	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-	-	-	911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	No	-	Wide beam
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-	-	-	911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	No	-	Wide beam
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-	-	-	911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	No	-	Wide beam
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-	-	-	911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-	-	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-	-	-	911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-	-	-

## Essential Smartbright LED

Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-	-	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-	-	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-	-	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-	-	-
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	No	1 unit	Symmetrical

Order Code	Full Product Name	Light source replaceable	Number of gear units	Optic type
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	No	1 unit	Symmetrical
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	No	1 unit	Symmetrical
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	No	1 unit	Symmetrical
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	No	1 unit	Symmetrical
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	No	1 unit	Symmetrical

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	4000 K	>80	9000 lm
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	5700 K	>80	9000 lm
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	3000 K	>80	8500 lm
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	5700 K	>80	4300 lm
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	4000 K	>80	4300 lm
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	3000 K	>80	3900 lm
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	4000 K	>80	6000 lm
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	5700 K	>80	6000 lm
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	3000 K	>80	5500 lm
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-	-	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-	-	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-	-	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-	-	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-	-	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-	-	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	4000 K	>80	9000 lm
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	5700 K	>80	9000 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	3000 K	>80	8500 lm
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	4000 K	>80	4300 lm
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-	-	-
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-	-	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-	-	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-	-	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-	-	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-	-	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	3000 K	>80	2300 lm
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	4000 K	>80	2600 lm
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	5700 K	>80	2600 lm
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-	-	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-	-	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-	-	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-	-	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-	-	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-	-	-

## Essential Smartbright LED

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color	
			Rendering Index	Initial luminous flux
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	5700 K	>80	9000 lm
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	4000 K	>80	9000 lm
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	3000 K	>80	8500 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color	
			Rendering Index	Initial luminous flux
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	4000 K	>80	9000 lm
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	5700 K	>80	9000 lm
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	3000 K	>80	8500 lm

### Mechanical and Housing

Order Code	Full Product Name	Color
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	Gold
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	Gold
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	Gold
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	Gold
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	Gold
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	Gold
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	Gold
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	Gold
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	Gold
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	Gold
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	Gold
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	Gold
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	Gray
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-

Order Code	Full Product Name	Color
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	Gold
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	Gold
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	Gold
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	grey
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	grey
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	grey
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	grey
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	grey
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	grey

### Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	-
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	-
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	-
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	-
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	-
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	-
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	-
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	-
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	-
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-

Order Code	Full Product Name	Driver failure rate at 5000 h
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	1.00 %
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	1.00 %
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	1.00 %
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	-
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	-
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	-
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	-



## Essential Smartbright LED

Order Code	Full Product Name	Driver failure rate at 5000 h
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-

Order Code	Full Product Name	Driver failure rate at 5000 h
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	1.00 %
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	1.00 %
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	1.00 %
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	1.00 %
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	1.00 %
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	1.00 %

### Light Technical

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop	Upward light output ratio
911401534231	BVP161 LED90/NW 100W 220-240V WB GOLD	-	-	-
911401534331	BVP161 LED90/CW 100W 220-240V WB GOLD	-	-	-
911401534431	BVP161 LED85/WW 100W 220-240V WB GOLD	-	-	-
911401608603	BVP161 LED43/CW 50W 220-240V WB GOLD	-	-	-
911401608803	BVP161 LED43/NW 50W 220-240V WB GOLD	-	-	-
911401609003	BVP161 LED39/WW 50W 220-240V WB GOLD	-	-	-
911401610503	BVP161 LED60/NW 70W 220-240V WB GOLD	-	-	-
911401610603	BVP161 LED60/CW 70W 220-240V WB GOLD	-	-	-
911401610703	BVP161 LED55/WW 70W 220-240V WB GOLD	-	-	-
911401806098	BVP161 LED43/CW 50W 220-240V WB GOLD	-	-	-
911401806298	BVP161 LED43/NW 50W 220-240V WB GOLD	-	-	-
911401806498	BVP161 LED39/WW 50W 220-240V WB GOLD	-	-	-
911401809598	BVP161 LED60/NW 70W 220-240V WB GOLD	-	-	-
911401809698	BVP161 LED60/CW 70W 220-240V WB GOLD	-	-	-
911401809798	BVP161 LED55/WW 70W 220-240V WB GOLD	-	-	-
911401823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	-	-	0
911401823798	BVP161 LED90/CW 100W 220-240V WB GOLD GM	-	-	0
911401823898	BVP161 LED85/WW 100W 220-240V WB GOLD GM	-	-	0
911401608003	BVP161 LED43/NW 50W 220-240V WB GREY	-	-	-
911401805498	BVP161 LED43/NW 50W 220-240V WB GREY	-	-	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop	Upward light output ratio
911401805798	BVP161 LED43/CW 50W 220-240V WB GREY	-	-	-
911401805898	BVP161 LED39/WW 50W 220-240V WB GREY	-	-	-
911401809298	BVP161 LED60/NW 70W 220-240V WB GREY	-	-	-
911401809398	BVP161 LED60/CW 70W 220-240V WB GREY	-	-	-
911401809498	BVP161 LED55/WW 70W 220-240V WB GREY	-	-	-
911401608503	BVP161 LED23/WW 30W 220-240V WB GOLD	-	-	-
911401608703	BVP161 LED26/NW 30W 220-240V WB GOLD	-	-	-
911401608903	BVP161 LED26/CW 30W 220-240V WB GOLD	-	-	-
911401805998	BVP161 LED23/WW 30W 220-240V WB GOLD	-	-	-
911401806198	BVP161 LED26/NW 30W 220-240V WB GOLD	-	-	-
911401806398	BVP161 LED26/CW 30W 220-240V WB GOLD	-	-	-
911401805398	BVP161 LED26/NW 30W 220-240V WB GREY	-	-	-
911401805598	BVP161 LED26/CW 30W 220-240V WB GREY	-	-	-
911401805698	BVP161 LED23/WW 30W 220-240V WB GREY	-	-	-
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	-	-	0
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	-	-	0
911401823598	BVP161 LED85/WW 100W 220-240V WB GREY GM	-	-	0
911401823998	BVP161 LED90/NW 100W 220-240V WB GREY KR	-	-	0
911401824098	BVP161 LED90/CW 100W 220-240V WB GREY KR	-	-	0

## Essential Smartbright LED

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop	Upward light output ratio
911401824198	BVP161 LED85/WW 100W 220-240V WB GREY KR	-	-	0

