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 colour 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 LED 100 W GREY

Application Conditions

Maximum dim level	Not applicable

Approval and Application

Mech. impact protection code	IK07
Surge Protection (Common/Differential)	EN61547 (L-L 2kV, L-G 4kV) kV

Controls and Dimming

Dimmable	No

General Information

Luminaire light beam spread	30° x 80°
CE mark	CE mark
Optical cover/lens type	Micro-lens optic in polycarbonate cover, wide
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Lamp family code	LED90
Light source replaceable	No
Number of gear units	1 unit
Optic type	Symmetrical

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	>80
Initial luminous flux	9000 lm

Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0

Mechanical and Housing

Colour	grey

General Information

Order Code	Full Product Name	Light source colour
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	857 daylight
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	840 neutral white

Initial Performance (IEC Compliant)

Essential Smartbright LED

Order Code	Full Product Name	Init. Corr. Colour Temperature
911401823398	BVP161 LED90/CW 100W 220-240V WB GREY GM	5700 K

Order Code	Full Product Name	Init. Corr. Colour Temperature
911401823498	BVP161 LED90/NW 100W 220-240V WB GREY GM	4000 K

www.lighting.philips.com

2019, January 17 - data subject to change