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

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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

General Information

Order Code	Full Product Name	Light source colour
30474899	BVP161 LED90/CW 100W 220-240V WB GREY GM	857 daylight
30475599	BVP161 LED90/NW 100W 220-240V WB GREY GM	840 neutral white
01823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	840 neutral white

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Init. Corr. Colour Temperature
30474899	BVP161 LED90/CW 100W 220-240V WB GREY GM	5700 K
30475599	BVP161 LED90/NW 100W 220-240V WB GREY GM	4000 K

Order Code	Full Product Name	Init. Corr. Colour Temperature
01823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	4000 K

Mechanical and Housing

Order Code	Full Product Name	Colour
30474899	BVP161 LED90/CW 100W 220-240V WB GREY GM	grey
30475599	BVP161 LED90/NW 100W 220-240V WB GREY GM	grey

Order Code	Full Product Name	Colour
01823698	BVP161 LED90/NW 100W 220-240V WB GOLD GM	Gold

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