



ClearFlood – LED solution for Sports and Area lighting

ClearFlood

The Philips ClearFlood is a dedicated LED floodlight delivering economical white light solutions for recreational sports and area applications. Designed around state-of-the-art LEDs and high-efficiency optics, this very competitive solution offers energy savings compared to traditional HID solutions. ClearFlood is easy to install and perfect for replacing conventional light points as it uses the same electrical installation, columns and types of fixation.

Benefits

- Slim LED design giving unobtrusive profile and simple installation
- Constant Light Output option for added energy savings

Features

- Variable lumen packages in one body size
- Instant light, long lifetime, no maintenance
- High LED and optical efficiency
- 100% Philips components

Application

- Small-scale recreational sports facilities
- Industrial areas
- Parking areas
- Building facades
- Billboards

Specifications

ClearFlood

Type	BVP650
Light source	Integral LED-module
Power (+/-10%)	50-240 W depending on product
Luminous flux	6,000-27,000 lm
Luminaire efficacy	up to 108 lm/W
Correlated Colour	4000 K
Temperature	
Colour Rendering Index	75
Maintenance of lumen output - L80F10	50,000 hours
Operating temperature range	-30 to +40 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz

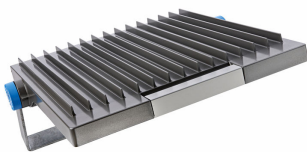
Inrush current	108 A / 140 µs
Options	Constant light output
Optic	Symmetrical or asymmetrical Road 1, Road 2, Road 3
Optical cover	Glass, flat
Material	Housing: die-cast aluminum Cover: glass
Colour	Grey aluminium (RAL9007)
Connection	Cable with 3 wires
Maintenance	From below by opening the housing with a single quick-release clip
Installation	Stirrup fixation Max adjustment from the horizontal: -170 to +170° Max vertical aiming: 0 to +360°

Versions



ClearFlood BVP650 floodlighting luminaire

Product details



OPDP_BVP650i_0011-Detail photo

Product details

ClearFlood-BVP650-DP.tif



Approval and Application

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	F
Light source replaceable	Yes
Number of gear units	2 units
Product Family Code	BVP650

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	70

Light Technical

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

Mechanical and Housing

Colour	Grey
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General Information

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Optic type
12888300	BVP650 LED420-4S/740 S ALU PSU	70° x 21°	LED420	Symmetrical
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	39° - 11° x 98°	LED420	Optiflux asymmetrical axis angle 52°
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	39° - 11° x 98°	LED440	Optiflux asymmetrical axis angle 52°
12900200	BVP650 LED440-4S/740 DW10 ALU PSU	52° - 7° x 151°	LED440	Distribution wide 10
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	8° - 26° x 82°	LED360	Distribution extra-wide 60
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	8° - 26° x 82°	LED440	Distribution extra-wide 60

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
12888300	BVP650 LED420-4S/740 S ALU PSU	36120 lm	12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	36960 lm
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	35280 lm	12900200	BVP650 LED440-4S/740 DW10 ALU PSU	36960 lm

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Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	32040 lm	45114100	BVP650 LED440-4S/740 DX60 ALU PSU	38720 lm

