



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

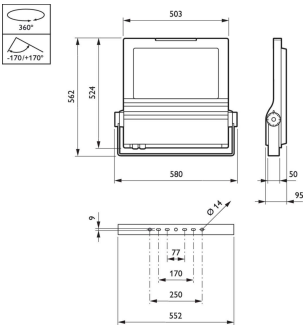
Features

- 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

Dimensional drawing



Product details

ClearFlood-BVP650-DP.tif



OPDP_BVP650i_0011-Detail photo



General Information

CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Number of gear units	2 units
Product family code	BVP650

Light Technical

Light source colour	740 neutral white
Correlated Colour Temperature	4000 K
Optical cover type	Flat glass
Colour rendering index (CRI)	70
Standard tilt angle side entry	0°
Standard tilt angle post-top	0°
Upwards light output ratio	0

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Colour	Aluminium
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Approval and Application

Mech. impact protection code	IK09
Ingress protection code	IP66
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

General Information

Order Code	Full Product Name	Gear	Glow-wire test	Lamp family code
09052400	BVP650 LED260-4S/740 PSU OFA52 ALU	EB	Temperature 960 °C, duration 5 s	LED260
12888300	BVP650 LED420-4S/740 S ALU PSU	-	-	LED420
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	-	-	LED420
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	-	-	LED440
12900200	BVP650 LED440-4S/740 DW10 ALU PSU	-	-	LED440
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	-	-	LED360
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	-	-	LED440

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Number of light sources	Optic type outdoor
09052400	BVP650 LED260-4S/740 PSU OFA52 ALU	86° x 188°	23,000 lm	120	Optiflux asymmetrical axis angle 52°
12888300	BVP650 LED420-4S/740 S ALU PSU	70° x 21°	36,000 lm	-	Symmetrical
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	39° - 11° x 98°	35,000 lm	-	Optiflux asymmetrical axis angle 52°
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	39° - 11° x 98°	37,000 lm	-	Optiflux asymmetrical axis angle 52°

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Number of light sources	Optic type outdoor
12900200	BVP650 LED440-4S/740 DW10 ALU PSU	52° - 7° x 151°	37,000 lm	-	Distribution wide 10
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	8° - 26° x 82°	32,000 lm	-	Distribution extra-wide 60
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	8° - 26° x 82°	39,000 lm	-	Distribution extra-wide 60

Operating and Electrical

Order Code	Full Product Name	Power Consumption
09052400	BVP650 LED260-4S/740 PSU OFA52 ALU	152 W
12888300	BVP650 LED420-4S/740 S ALU PSU	265 W
12889000	BVP650 LED420-4S/740 OFA52 ALU PSU	265 W
12896800	BVP650 LED440-4S/740 OFA52 ALU PSU	280 W

Order Code	Full Product Name	Power Consumption
12900200	BVP650 LED440-4S/740 DW10 ALU PSU	280 W
45110300	BVP650 LED360-4S/740 DX60 ALU PSU	220 W
45114100	BVP650 LED440-4S/740 DX60 ALU PSU	280 W

