2015, March 20
data subject to change



ClearFlood – real LED solution for sports and area lighting

ClearFlood

ClearFlood is a range of floodlights that lets you choose the exact number of lumens you need for your application. Designed around state-of-the-art LEDs and extremely high-efficiency optics, this very competitive solution offers an industry-leading lux per euro ratio and significant energy savings. The choice of different optics opens up new application possibilities for LEDs. ClearFlood is easy to install and perfect for replacing conventional light-points as it uses the same electrical installation and poles. Selecting the required light output is also straightforward.

Benefits

- Designed for 1:1 retrofit, with high energy savings and a fast return on investment
- Easy to select the required lumen performance
- Five different optics ensure versatility in application

Features

- 10 lumen outputs in one form factor
- Easy replacement of gear and PCB
- CLO, DALI, 1-10 V controls
- High LED and optical efficiency
- 100% Philips components

Application

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

PHILIPS

Specifications

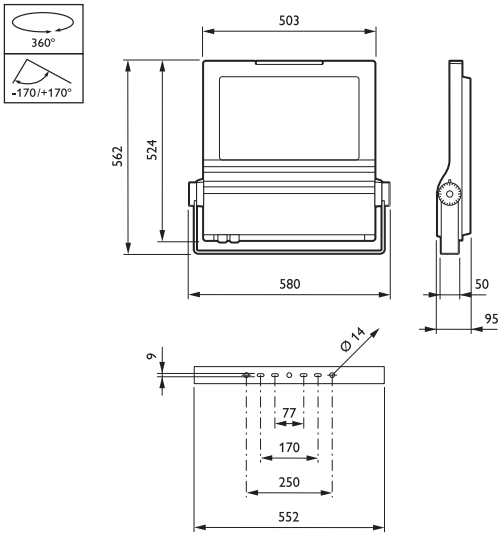
- Type: BVP650
- Light source: Integral LED-module
- Power (+/-10%): 79-260 W depending on configuration
- Luminous flux: 6,000-29,000 lm
- Luminaire efficacy: >108 lm/W
- Correlated Color Temperature: 2700 or 4000 K
- Color Rendering Index: 80
- Maintenance of lumen output - L80F10: 70,000 hours
- Operating temperature range: -30 to +40 °C
- Driver: Built-in (self ballasted LED-module)
- Mains voltage: 220-240 V / 50-60 Hz
- Dimming: Constant light output
DALI dimming
DynaDimmer
- Controls system input: 1-10 V
- Optic: Symmetrical or asymmetrical Optiflux (versions R1, R2, R3, R6)
- Optical cover: Glass, flat
- Material: Housing: die-cast aluminum
Cover: glass
- Color: 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°

Related products



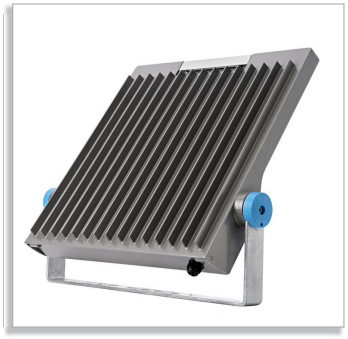
ClearFlood BVP650 floodlighting luminaire

Dimensional drawing



BVP650 LXTECO 12000/NW PSD S ALU D9

Product details



Bracket for mounting/tilting



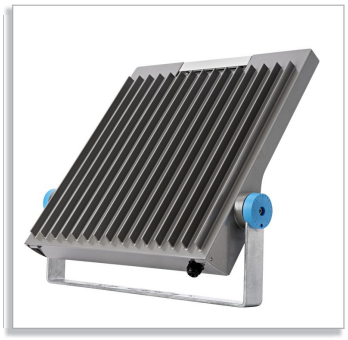
LiAS virtual project facilitates aiming of floodlight



Easy to plug in. No tooling required



Side view



Bracket for mounting/tilting



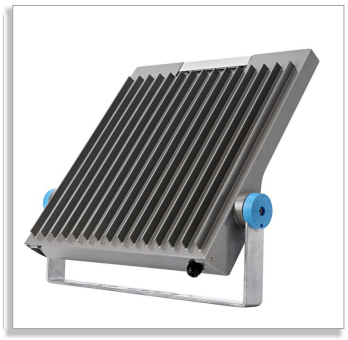
LiAS virtual project facilitates aiming of floodlight



Easy to plug in. No tooling required



Side view



Bracket for mounting/tilting



LiAS virtual project facilitates aiming of floodlight

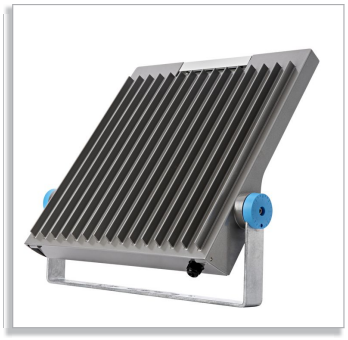
Product details



Easy to plug in. No tooling required



Side view



Bracket for mounting/tilting



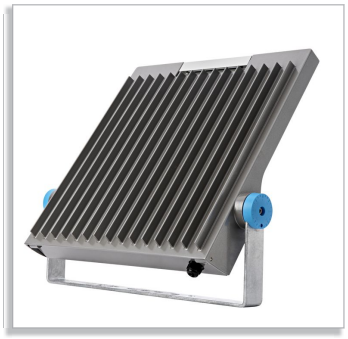
LiAS virtual project facilitates aiming of floodlight



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Side view



Bracket for mounting/tilting



LiAS virtual project facilitates aiming of floodlight

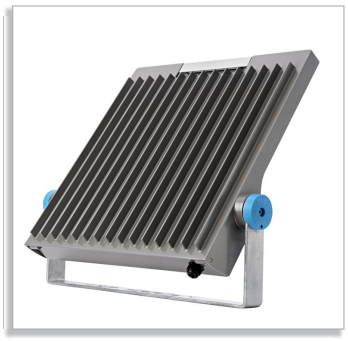


Easy to plug in. No tooling required



Side view

Product details



Bracket for mounting/tilting



LiAS virtual project facilitates aiming of floodlight



Easy to plug in. No tooling required



Side view

General information (1/2)

Order code	Product family code	Number of light sources	Lamp family code	Light source color	Light source replace-able	Driver included	Mech. impact protection code	Optic type	Optical cover/lens type	Color	Coating
910771100311	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
910771100313	BVP650	1	ECO	NW	true	true	IK09	OFR1	FG	ALU	SL-PDR
910771100314	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
910771100315	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022501	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022504	BVP650	1	ECO	740	true	true	IK09	S	FG	ALU	SL-PDR
912300022511	BVP650	1	ECO	740	true	true	IK09	S	FG	ALU	SL-PDR
912300022520	BVP650	1	ECO	740	true	true	IK09	A	FG	ALU	SL-PDR
912300022523	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022524	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022543	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022553	BVP650	1	ECO	730	true	true	IK09	A	FG	ALU	SL-PDR
912300022752	BVP650	1	ECO	740	true	true	IK09	S	FG	ALU	SL-PDR
912300022753	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022754	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022755	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022756	BVP650	1	ECO	740	true	true	IK09	S	FG	ALU	SL-PDR
912300022757	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022758	BVP650	1	ECO	740	true	true	IK09	S	FG	ALU	SL-PDR
912300022759	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022760	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022761	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022762	BVP650	1	ECO	NW	true	true	IK09	S	FG	ALU	SL-PDR
912300022763	BVP650	1	ECO	740	true	true	IK09	S	FG	ALU	SL-PDR

Order code	Product family code	Number of light sources	Lamp family code	Light source color	Light source replace-able	Driver included	Mech. impact protection code	Optic type	Optical cover/lens type	Color	Coating
912300022764	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022765	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022766	BVP650	1	ECO	740	true	true	IK09	A	FG	ALU	SL-PDR
912300022767	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022768	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022769	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022770	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022771	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022772	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022773	BVP650	1	ECO	NW	true	true	IK09	A	FG	ALU	SL-PDR
912300022774	BVP650	1	ECO	740	true	true	IK09	A	FG	ALU	SL-PDR
912300022775	BVP650	1	ECO	740	true	true	IK09	A	FG	ALU	SL-PDR

General information (2/2)

Order code	Product family code	Dimmable	Glow-wire test	CE mark	ENEC mark	Flammability mark	Finish
910771100311	BVP650	No	960/5	CE	ENEC	F	MAT
910771100313	BVP650	No	960/5	CE	ENEC	F	MAT
910771100314	BVP650	No	960/5	CE	ENEC	F	MAT
910771100315	BVP650	No	960/5	CE	ENEC	F	MAT
912300022501	BVP650	No	960/5	CE	ENEC	F	MAT
912300022504	BVP650	No	960/5	CE	ENEC	F	MAT
912300022511	BVP650	No	960/5	CE	ENEC	F	MAT
912300022520	BVP650	No	960/5	CE	ENEC	F	MAT
912300022523	BVP650	No	960/5	CE	ENEC	F	MAT
912300022524	BVP650	No	960/5	CE	ENEC	F	MAT
912300022543	BVP650	No	960/5	CE	ENEC	F	MAT
912300022553	BVP650	Yes	960/5	CE	ENEC	F	MAT
912300022752	BVP650	No	960/5	CE	ENEC	F	MAT
912300022753	BVP650	No	960/5	CE	ENEC	F	MAT
912300022754	BVP650	No	960/5	CE	ENEC	F	MAT
912300022755	BVP650	No	960/5	CE	ENEC	F	MAT
912300022756	BVP650	No	960/5	CE	ENEC	F	MAT
912300022757	BVP650	No	960/5	CE	ENEC	F	MAT
912300022758	BVP650	No	960/5	CE	ENEC	F	MAT
912300022759	BVP650	No	960/5	CE	ENEC	F	MAT
912300022760	BVP650	No	960/5	CE	ENEC	F	MAT
912300022761	BVP650	No	960/5	CE	ENEC	F	MAT
912300022762	BVP650	No	960/5	CE	ENEC	F	MAT
912300022763	BVP650	No	960/5	CE	ENEC	F	MAT
912300022764	BVP650	No	960/5	CE	ENEC	F	MAT
912300022765	BVP650	No	960/5	CE	ENEC	F	MAT
912300022766	BVP650	No	960/5	CE	ENEC	F	MAT
912300022767	BVP650	No	960/5	CE	ENEC	F	MAT
912300022768	BVP650	No	960/5	CE	ENEC	F	MAT
912300022769	BVP650	No	960/5	CE	ENEC	F	MAT
912300022770	BVP650	No	960/5	CE	ENEC	F	MAT

Order code	Product family code	Dimmable	Glow-wire test	CE mark	ENEC mark	Flammability mark	Finish
912300022771	BVP650	No	960/5	CE	ENEC	F	MAT
912300022772	BVP650	No	960/5	CE	ENEC	F	MAT
912300022773	BVP650	No	960/5	CE	ENEC	F	MAT
912300022774	BVP650	No	960/5	CE	ENEC	F	MAT
912300022775	BVP650	No	960/5	CE	ENEC	F	MAT

Light technical

Order code	Product family code	Standard tilt angle posttop	Standard tilt angle side entry	Light source flux
910771100311	BVP650	0	0	12K
910771100313	BVP650	0	0	12K
910771100314	BVP650	0	0	26K
910771100315	BVP650	0	0	27K
912300022501	BVP650	0	0	6K
912300022504	BVP650	0	0	12K
912300022511	BVP650	0	0	26K
912300022520	BVP650	0	0	12K
912300022523	BVP650	0	0	18K
912300022524	BVP650	0	0	20K
912300022543	BVP650	0	0	26K
912300022553	BVP650	0	0	23K
912300022752	BVP650	0	0	6K
912300022753	BVP650	0	0	8K
912300022754	BVP650	0	0	10K
912300022755	BVP650	0	0	12K
912300022756	BVP650	0	0	14K
912300022757	BVP650	0	0	16K
912300022758	BVP650	0	0	18K

Order code	Product family code	Standard tilt angle posttop	Standard tilt angle side entry	Light source flux
912300022759	BVP650	0	0	20K
912300022760	BVP650	0	0	22K
912300022761	BVP650	0	0	24K
912300022762	BVP650	0	0	26K
912300022763	BVP650	0	0	29K
912300022764	BVP650	0	0	6K
912300022765	BVP650	0	0	8K
912300022766	BVP650	0	0	10K
912300022767	BVP650	0	0	12K
912300022768	BVP650	0	0	14K
912300022769	BVP650	0	0	16K
912300022770	BVP650	0	0	18K
912300022771	BVP650	0	0	20K
912300022772	BVP650	0	0	22K
912300022773	BVP650	0	0	24K
912300022774	BVP650	0	0	26K
912300022775	BVP650	0	0	29K

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