



ClearFlood Large – The best solution for 1:1 retrofit

ClearFlood Large

ClearFlood Large is designed to meet the requirements of a wide range of floodlighting applications. It also includes all the necessary control features and interfaces to make it future-proof and even more efficient. ClearFlood Large lets you choose the exact number of lumens you need for your application. Incorporating extremely high-efficiency optics and state-of-the-art LEDs, it is a highly competitive solution offering an outstanding lux/euro ratio and energy savings of up to 40% (without the use of additional controls). The wide choice of optics ensures maximum application coverage. ClearFlood Large is easy to install – you simply plug it in and select the best option for your needs. Perfect for replacing conventional technology and enabling intelligent lighting control while retaining the same electrical installation and poles.

Benefits

- Fast payback and low Total Cost of Ownership with energy savings and minimum maintenance costs
- Multiple control options ensure increased efficiency with intelligent lighting
- Combination of lenses and flux options ensures high level of project flexibility

ClearFlood Large

Features

- Designed for 1:1 retrofit up to 1000 W HID
- Wide range of lumen packages between 30 klm and 65 klm
- Gear and PCB easy to replace
- Wide range of control options, such as CityTouch Ready, CLO, DALI, 1-10 V
- LEDs and optics deliver highest level of efficiency
- Components are 100% Philips
- Wide choice of optics to suit all applications: 3x Asymmetrical, 3x Road, 3x Symmetrical, versions with louver (optional)
- Optimized architecture for 4 kV surge (optional 10 kV), IP66 and IK08 protection

Application

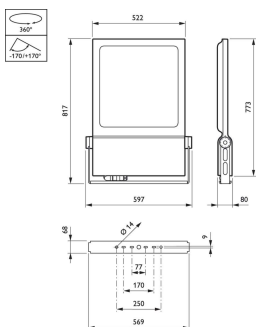
- Airports
- Harbors
- Large recreational sports facilities
- Industrial areas
- Roundabouts and motorway junctions

Versions



Clearflood Large Floodlight

Dimensional drawing



ClearFlood Large

Product details



OPDP_BVP650i_0013-Detail
photo



OPDP_BVP650i_0017-Detail
photo



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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	BVP651
Service tag	Yes

Light Technical

Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Optical cover type	Flat glass
Color rendering index (CRI)	70
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	Aluminum
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Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.005 %
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General Information

Order Code	Full Product Name	Lamp family code
912300023759	BVP651 LED650-4S/740 S ALU PSU	LED650
912300023799	BVP651 LED750-4S/740 DX51 ALU PSU	LED750

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
912300023759	BVP651 LED650-4S/740 S ALU PSU	70° x 21°	56,000 lm	Symmetrical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
912300023799	BVP651 LED750-4S/740 DX51 ALU PSU	14° - 5° x 132°	37,000 lm	Distribution extra wide 51

Operating and Electrical

Order Code	Full Product Name	Power Consumption
912300023759	BVP651 LED650-4S/740 S ALU PSU	405 W

Order Code	Full Product Name	Power Consumption
912300023799	BVP651 LED750-4S/740 DX51 ALU PSU	475 W

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