



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

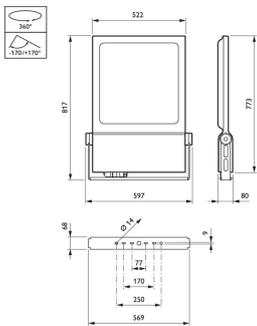
Features

- 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

Dimensional drawing



Product details



Clearflood Large CityTouch-
DPP.jpg



OPDP_BVP650i_0013-Detail
photo

ClearFlood Large

Product details



OPDP_BVP650i_0017-Detail photo



ClearFlood Large

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

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
----------	----

Mechanical and Housing

Housing Colour	Aluminium
----------------	-----------

Approval and Application

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

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.005 %
------------------------------------	---------

General Information

Order Code	Full Product Name	Lamp family code
11281300	BVP651 LED750-4S/740 S ALU PSU	LED750
11285100	BVP651 LED750-4S/740 DX10 ALU PSU	LED750
11286800	BVP651 LED750-4S/740 DX50 ALU PSU	LED750
11287500	BVP651 LED750-4S/740 DX51 ALU PSU	LED750
12902600	BVP651 LED450-4S/740 DX60 ALU PSU	LED450
12905700	BVP651 LED600-4S/740 DX60 ALU PSU	LED600
12908800	BVP651 LED750-4S/740 DX60 ALU PSU	LED750

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Optic type outdoor
11281300	BVP651 LED750-4S/740 S ALU PSU	70° x 21°	64,000 lm	Symmetrical
11285100	BVP651 LED750-4S/740 DX10 ALU PSU	20° - 4° x 150°	60,000 lm	Distribution extra-wide 10
11286800	BVP651 LED750-4S/740 DX50 ALU PSU	17° - 5° x 132°	62,000 lm	Distribution extra wide 50
11287500	BVP651 LED750-4S/740 DX51 ALU PSU	14° - 5° x 132°	37,000 lm	Distribution extra wide 51
12902600	BVP651 LED450-4S/740 DX60 ALU PSU	8° - 26° x 82°	40,000 lm	Distribution extra-wide 60
12905700	BVP651 LED600-4S/740 DX60 ALU PSU	8° - 26° x 82°	52,000 lm	Distribution extra-wide 60
12908800	BVP651 LED750-4S/740 DX60 ALU PSU	8° - 26° x 82°	66,000 lm	Distribution extra-wide 60

ClearFlood Large

Operating and Electrical

Order Code	Full Product Name	Power Consumption
11281300	BVP651 LED750-4S/740 S ALU PSU	475 W
11285100	BVP651 LED750-4S/740 DX10 ALU PSU	475 W
11286800	BVP651 LED750-4S/740 DX50 ALU PSU	475 W
11287500	BVP651 LED750-4S/740 DX51 ALU PSU	475 W

Order Code	Full Product Name	Power Consumption
12902600	BVP651 LED450-4S/740 DX60 ALU PSU	270 W
12905700	BVP651 LED600-4S/740 DX60 ALU PSU	370 W
12908800	BVP651 LED750-4S/740 DX60 ALU PSU	475 W

