

Vaya Flood HP

BCP418 48xLED-HB/5000 220-240V 10 CE CQC

48 pcs - LED High Brightness - Narrow beam angle 10°

Vaya Flood HP is a reliable and cost-effective high-output LED flood-lighting solution ideal for illuminating large-scale exterior facades, bridges and monuments. While minimising initial investment, this Vaya Flood series provides exceptional flexibility to create eye-catching flood-, wash- and spot-lighting effects. A wide choice of beam angles and colour options let you bring a property to life with either static or dynamically changing colours. Extended light throw and high efficacy set this compact and robust luminaire apart. Its integrated power and adjustable tilt angle make this product versatile and easy to use.

Product data

General Information	
Number of light sources	48 [48 pcs]
Lamp family code	LED-HB [LED High Brightness]
Lamp colour code	Cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	10°
Protection class IEC	Safety class I (I)
Type description	No
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	No
CQC mark	CQC-mark
Lifetime to 70% luminous flux	50000 h
Outdoor optic type	Narrow beam angle 10°
PSE mark	No

RoHS mark	-
WEEE mark	-
Angle	10°

Light Technical	
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Aluminum die–cast

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Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Colour	Dark Grey

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux	9700 lm
Lamp colour temperature	5000 K
Colour Rendering Index	80

Over Time Performance (IEC Compliant)

Lumen Maintenance 70% at 25°C Calculated	71000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 40°C Calculated	60000
Lumen Maintenance 70% at 40°C Reported	60000
Lumen Maintenance 70% at 50°C Calculated	58000
Lumen Maintenance 70% at 50°C Reported	58000
Lumen Maintenance 80% at 25°C Calculated	45000
Lumen Maintenance 80% at 25°C Reported	45000
Lumen Maintenance 80% at 40°C Calculated	37000
Lumen Maintenance 80% at 40°C Reported	37000
Lumen Maintenance 80% at 50°C Reported	36000
Lumen Maintenance 90% at 25°C Calculated	23000
Lumen Maintenance 90% at 25°C Reported	23000
Lumen Maintenance 90% at 40°C Calculated	18000
Lumen Maintenance 90% at 40°C Reported	18000
Lumen Maintenance 90% at 50°C Reported	18000

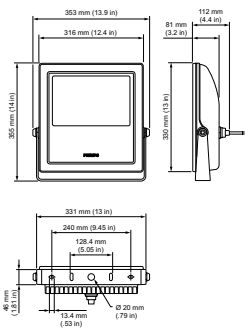
Application Conditions

Ambient temperature range	-40 to +40 °C

Product Data

Full product code	871829163550599
Order product name	BCP418 48xLED-HB/5000 220-240V 10 CE CQC
EAN/UPC – product	8718291635505
Order code	912400130405
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	912400130405
Net weight (piece)	7.600 kg

Dimensional drawing



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www.lighting.philips.com
2019, May 2 - data subject to change