PHILIPS

Lighting



Vaya Flood HP

BCP418 48xLED-HB/4000 220-240V 40 CE CQC

48 pcs - LED High Brightness - Medium beam angle 40°

Vaya Flood HP is a reliable and cost-effective white/color-changing floodlight, designed for large-scale exterior installations. The light levels achieved by this compact fixture make it ideal for extensive wall-washing and floodlighting applications – in both static or dynamic colors. Integrated power and DMX512 control make this product easy to use with Philips or third-party DMX controllers.

Product data

General Information	
Number of light sources	48 [48 pcs]
Lamp family code	LED-HB [LED High Brightness]
Light source colour	Cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	40°
Protection class IEC	Safety class 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	Medium beam angle 40°
PSE mark	No
RoHS mark	-
WEEE mark	-

Angle	40°
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	Aluminium die–cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Colour	Dark Grey

Vaya Flood HP

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Vibration standard	Complies with ANSI C136.31
	Complies with ANSI C136.31

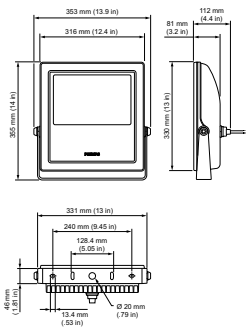
Initial Performance (IEC Compliant)	
Initial luminous flux	8932 lm
Initial luminous flux at color temperature of 4000 K	8932 lm
Initial LED luminaire efficacy	87.3 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	82
Initial input power	100 W

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	871829163528499
Order product name	BCP418 48xLED-HB/4000 220-240V 40 CE CQC
EAN/UPC – product	8718291635284
Order code	63528499
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	910503703125
Net weight (piece)	7.600 kg

Dimensional drawing



Vaya

Vaya Flood HP



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com
2019, September 16 - data subject to change