PHILIPS

Lighting



Vaya Flood HP

Vaya Flood HP, RGB, 40°, CQC/CE/PSE

Vaya Flood HP, RGB, 40°, CQC/CE/PSE

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	Red, green and blue
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 (I)
Type description	No
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
CQC mark	CQC-mark
Optic type outdoor	Medium beam angle 40°
PSE mark	PSE mark
EU RoHS compliant	No
WEEE mark	-
Angle	40°

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

Operating and electrical	
Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz

Controls and dimming	
Dimmable	Yes

Mechanical and housing	
Housing material	Aluminum die–cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Colour	Dark gray

Vaya Flood HP

Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Energy Efficiency Class	G
Mech. impact protection code	IK06 [1 J]
Vibration standard	Complies with ANSI C136.31
Vibration rating	Complies with ANSI C136.31
	988766

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	3401 lm
Initial LED luminaire efficacy	31.7 lm/W
Init. Colour rendering index	80
Initial input power	105 W

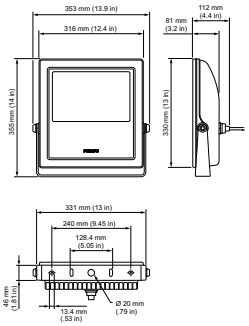
Over time performance (IEC compliant)	
Lumen Maintenance 50% at 25 °C Calculated	100000
Lumen Maintenance 50% at 25 °C Reported	60000
Lumen Maintenance 70% at 25 °C Calculated	100000
Lumen Maintenance 70% at 25 °C Reported	60000

Application conditions	
Ambient temperature range	-40 to +40 °C

Product data	
Full product code	871829163494299
Order product name	BCP417 48xLED-HB/RGB 100-277V 40 CE CQC
EAN/UPC – product	8718291634942
Order code	316-000009-02
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	910503702886
Net Weight (Piece)	7.500 kg
Commercial Code	316-000009-02
Catalogue number description	Vaya Flood HP, RGB, 40°, CQC/CE/PSE

IP66 IK06

Dimensional drawing



BCP417 48xLED-HB/RGB 100-277V 40 CE CQC

© 2022 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.