PHILIPS

Lighting



Vaya Flood HP

BCP418 48xLED-HB/4000 220-240V 90 CE CQC

48 pcs - LED High Brightness - Very wide beam angle 90°

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]
Lamp colour code	Cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	90°
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	Very wide beam angle 90°
PSE mark	No
RoHS mark	-
WEEE mark	-

Angle	90°
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
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]

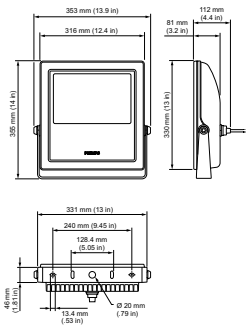
Initial Performance (IEC Compliant)	
Initial luminous flux	9700 lm
Lamp colour temperature	4000 K
Colour Rendering Index	82

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	871829163529199
Order product name	BCP418 48xLED-HB/4000 220-240V 90 CE CQC
EAN/UPC – product	8718291635291
Order code	910503703126
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	910503703126
Net weight (piece)	7.600 kg

Dimensional drawing



Vaya

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