



# Vaya Flood HP

**BCP418 48xLED-HB/3000 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]
Lamp colour code	Neutral 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 (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	Aluminum die-cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Colour	Dark Grey

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<b>Approval and Application</b>	
Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [ 1 J]
Vibration standard	Complies with ANSI C136.31
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<b>Initial Performance (IEC Compliant)</b>	
Initial luminous flux	8437 lm
Initial LED luminaire efficacy	82.7 lm/W
Lamp colour temperature	3000 K
Colour Rendering Index	80
Initial input power	100 W

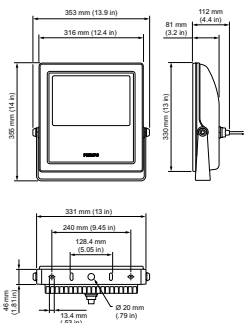
<b>Over Time Performance (IEC Compliant)</b>	
Lumen Maintenance 70% at 25°C Calculated	71000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 40°C Calculated	60000
Lumen Maintenance 70% at 40°C Reported	60000
Lumen Maintenance 80% at 25°C Calculated	45000
Lumen Maintenance 80% at 25°C Reported	45000
Lumen Maintenance 80% at 40°C Calculated	37000

Lumen Maintenance 80% at 40°C Reported	37000
Lumen Maintenance 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

<b>Application Conditions</b>	
Ambient temperature range	-40 to +40 °C

<b>Product Data</b>	
Full product code	871829163524699
Order product name	BCP418 48xLED-HB/3000 220-240V 40 CE CQC
EAN/UPC – product	8718291635246
Order code	910503703121
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	910503703121
Net weight (piece)	7.600 kg

## Dimensional drawing



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