



# 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		Angle	
Number of light sources	48 [ 48 pcs]	40°	
Lamp family code	LED-HB [ LED High Brightness]	Light Technical	
Light source colour	Cool white	Standard tilt angle post-top	0°
Light source replaceable	No	Standard tilt angle side entry	0°
Driver included	Yes	Operating and Electrical	
Optical cover/lens type	FG [ Flat glass]	Input voltage	220 to 240 V
Luminaire light beam spread	40°	Input frequency	50 to 60 Hz
Protection class IEC	Safety class I (I)	Controls and Dimming	
Type description	No	Dimmable	Yes
CE mark	CE mark	Mechanical and Housing	
ENEC mark	ENEC mark	Housing material	Aluminum die-cast
UL mark	-	Optic material	Glass
CQC mark	CQC-mark	Optical cover/lens material	Tempered glass
Lifetime to 70% luminous flux	50000 h	Optical cover/lens shape	Flat
Outdoor optic type	Medium beam angle 40°	Colour	Dark gray
PSE mark	No		
RoHS mark	-		
WEEE mark	-		

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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
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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

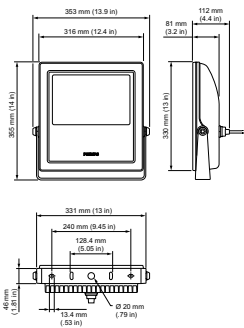
Over Time Performance (IEC Compliant)	
Lumen Maintenance 70% at 25°C Calculated	71000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 40°C Calculated	60000
Lumen Maintenance 70% at 40°C Reported	60000
Lumen Maintenance 70% at 50°C Calculated	58000
Lumen Maintenance 70% at 50°C Reported	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



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