



Vaya Flood HP

BCP418 48xLED-HB/3000 220-240V 20 CE CQC

48 pcs - LED High Brightness - Medium beam angle 20°

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	20°
Number of light sources	48 [48 pcs]		
Lamp family code	LED-HB [LED High Brightness]		
Light source colour	Neutral white		
Light source replaceable	No		
Driver included	Yes		
Optical cover/lens type	FG [Flat glass]		
Luminaire light beam spread	20°		
Protection class IEC	Safety class I (I)		
Type description	No		
CE mark	CE mark		
ENEC mark	ENEC mark		
UL mark	-		
CQC mark	CQC-mark		
Lifetime to 70% luminous flux	50000 h		
Outdoor optic type	Medium beam angle 20°		
PSE mark	No		
RoHS mark	-		
WEEE mark	-		
		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 gray

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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 Complies with ANSI C136.31

Initial Performance (IEC Compliant)

Initial luminous flux	9317 lm
Initial LED luminaire efficacy	90.3 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	80
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 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

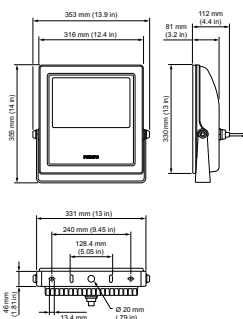
Application Conditions

Ambient temperature range	-40 to +40 °C
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Product Data

Full product code	871829163523999
Order product name	BCP418 48xLED-HB/3000 220-240V 20 CE CQC
EAN/UPC – product	8718291635239
Order code	63523999
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	910503703120
Net weight (piece)	7.600 kg

Dimensional drawing



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