



# Vaya Flood HP

**BCP418 48xLED-HB/2700 220-240V 90 CE CQC**

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

Vaya Flood HP is a reliable and cost effective high output LED flood lighting solution ideal for illuminating large-scale exterior facades, bridges, and monuments. While minimizing initial investment, this Vaya Flood series provides exceptional flexibility to create eye-catching flood, wash and spot lighting effects. A wide choice of beam angles and color options let you bring a property to life with either static or dynamically changing colors. Extended light throw and high efficacy set this compact & robust luminaire apart. Its integrated power and adjustable tilt angle make this product versatile and easy to use.

## Product data

General Information		RoHS mark	
Number of light sources	48 pcs	WEEE mark	-
Lamp family code	LED-HB [ LED High Brightness]	Angle	90°
Light source color	Warm white	Light Technical	
Light source replaceable	No	Standard tilt angle posttop	0°
Driver included	Yes	Standard tilt angle side entry	0°
Optical cover/lens type	Flat glass	Operating and Electrical	
Luminaire light beam spread	90°	Input Voltage	220 to 240 V
Protection class IEC	Safety class I	Input Frequency	50 to 60 Hz
Type description	-	Controls and Dimming	
CE mark	CE mark	Dimmable	Yes
ENEC mark	ENEC mark	Mechanical and Housing	
UL mark	-	Housing Material	Aluminum die cast
CQC mark	CQC-mark		
Lifetime to 70% luminous flux	50000 h		
Optic type outdoor	Very wide beam angle 90°		
PSE mark	No		

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Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Color	Dark gray

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 (system flux)	9700 lm
Init. Corr. Color Temperature	2700 K
Init. Color Rendering Index	80

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

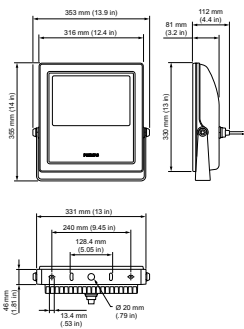
Application Conditions

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

Full product code	871829163549999
Order product name	BCP418 48xLED-HB/2700 220-240V 90 CE CQC
EAN/UPC - Product	8718291635499
Order code	912400130404
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130404
Net Weight (Piece)	7.600 kg

Dimensional drawing



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