



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 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			
Number of light sources	48 pcs	RoHS mark	-
Lamp family code	LED-HB [LED High Brightness]	WEEE mark	-
Light source color	Neutral white	Angle	40°
Light source replaceable	No	Light Technical	
Driver included	Yes	Standard tilt angle posttop	0°
Optical cover/lens type	Flat glass	Standard tilt angle side entry	0°
Luminaire light beam spread	40°	Operating and Electrical	
Protection class IEC	Safety class I	Input Voltage	220 to 240 V
Type description	-	Input Frequency	50 to 60 Hz
CE mark	CE mark	Controls and Dimming	
ENEC mark	ENEC mark	Dimmable	Yes
UL mark	-	Mechanical and Housing	
CQC mark	CQC-mark	Housing Material	Aluminum die cast
Lifetime to 70% luminous flux	50000 h		
Optic type outdoor	Medium beam angle 40°		
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]
Vibration Standard	Complies with ANSI C136.31
Vibration Rating	Complies with ANSI C136.31

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8437 lm
Initial LED luminaire efficacy	82.7 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color 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

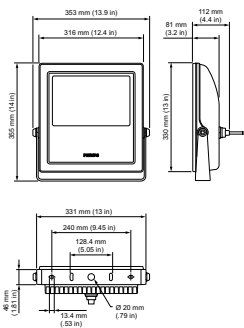
Application Conditions

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

Full product code	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 Nr. (12NC)	910503703121
Net Weight (Piece)	7.600 kg

Dimensional drawing



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