



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 high-output LED flood-lighting solution ideal for illuminating large-scale exterior facades, bridges and monuments. While minimising 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 colour options let you bring a property to life with either static or dynamically changing colours. Extended light throw and high efficacy set this compact and 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 [48 pcs]	WEEE mark	-
Lamp family code	LED-HB [LED High Brightness]	Angle	40°
Lamp colour code	Cool white	Light Technical	
Light source replaceable	No	Standard tilt angle post-top	0°
Driver included	Yes	Standard tilt angle side entry	0°
Optical cover/lens type	FG [Flat glass]	Operating and Electrical	
Luminaire light beam spread	40°	Input voltage	220 to 240 V
Protection class IEC	Safety class I (I)	Input frequency	50 to 60 Hz
Type description	No	Controls and Dimming	
CE mark	CE mark	Dimmable	Yes
ENEC mark	ENEC mark	Mechanical and Housing	
UL mark	No	Housing material	Aluminum die-cast
CQC mark	CQC-mark		
Lifetime to 70% luminous flux	50000 h		
Outdoor optic type	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
Colour	Dark Grey

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	8932 lm
Initial luminous flux at color temperature of 4000 K	8932 lm
Initial LED luminaire efficacy	87.3 lm/W
Lamp colour temperature	4000 K
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

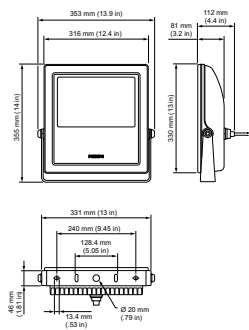
Application Conditions

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

Full product code	871829163528499
Order product name	BCP418 48xLED-HB/4000 220-240V 40 CE CQC
EAN/UPC – product	8718291635284
Order code	910503703125
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (I2NC)	910503703125
Net weight (piece)	7.600 kg

Dimensional drawing



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