



Vaya Flood HP

BCP418 48xLED-HB/3000 220-240V 10 CE CQC

48 pcs - LED High Brightness - Narrow beam angle 10°

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	10°
Light source color	Neutral 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	10°	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	Narrow beam angle 10°		
PSE mark	No		

Vaya Flood HP

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)	9296 lm
Initial LED luminaire efficacy	90.7 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

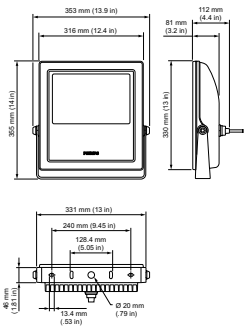
Application Conditions

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

Product Data

Full product code	871829163522299
Order product name	BCP418 48xLED-HB/3000 220-240V 10 CE CQC
EAN/UPC - Product	8718291635222
Order code	910503703119
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	910503703119
Net Weight (Piece)	7.600 kg

Dimensional drawing



Vaya

Vaya Flood HP

