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 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

Number of light sources	48 [48 pcs]
Lamp family code	LED-HB [LED High Brightness]
Light source color	Cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	40°
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
Optic type outdoor	Medium beam angle 40°
PSE mark	No
RoHS mark	-
WEEE mark	-

Angle	40°

Light Technical

Standard tilt angle posttop	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

data subject to change

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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)	8932 lm
Initial luminous flux at color temperature of 4000 K	8932 lm
Initial LED luminaire efficacy	87.3 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	82

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

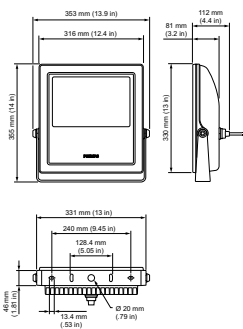|	
Lumen Maintenance 90% at 25°C Calculated	23000
Lumen Maintenance 90% at 25°C Reported	23000
Lumen Maintenance 90% at 40°C Calculated	18000
Lumen Maintenance 90% at 40°C Reported	18000
Lumen Maintenance 90% at 50°C Reported	18000

Application Conditions

Ambient temperature range	-40 to +104 °F

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
Local order code	.
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2
Material Nr. (12NC)	910503703125
Net Weight (Piece)	7.600 kg

Dimensional drawing

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