Vaya Flood HP

BCP418 48xLED-HB/5000 220-240V 20 CE CQC

48 pcs - LED High Brightness - Medium beam angle 20º

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 colour	Cool white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	20°
Protection class IEC	Safety class I
Type description	No
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	No
CQC mark	CQC-mark
Lifetime to 70% luminous flux	50000 h
Outdoor optic type	Medium beam angle 20º
PSE mark	No
RoHS mark	-
WEEE mark	-

Angle	20°

Light Technical

Standard tilt angle post-top	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

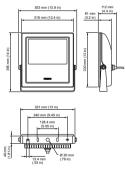|	
Housing material	Aluminium die-cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Colour	Dark Grey

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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	9700 lm
Init. Corr. colour temperature	5000 K
Init. colour 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 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

Product Data

Full product code	871829163551299
Order product name	BCP418 48xLED-HB/5000 220-240V 20 CE CQC
EAN/UPC – product	8718291635512
Order code	63551299
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	912400130406
Net weight (piece)	7.600 kg

Dimensional drawing

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