# 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 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 | Neutral white |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | FG [ Flat glass] |
| Luminaire light beam spread | 10° |
| 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 | Narrow beam angle 10° |
| PSE mark | No |
| RoHS mark | - |
| WEEE mark | - |

| | |
|---|---|
| Angle | 10° |

### 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 |

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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) | 9296 lm |
| Initial LED luminaire efficacy | 90.7 lm/W |
| Init. Corr. Color Temperature | 3000 K |
| Init. Color 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 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 |

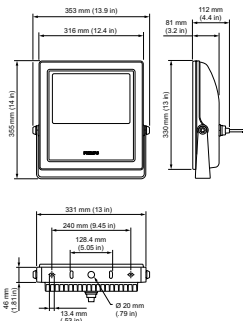| | |
|---|---|
| Lumen Maintenance 90% at 25°C Reported | 23000 |
| Lumen Maintenance 90% at 40°C Calculated | 18000 |
| Lumen Maintenance 90% at 40°C Reported | 18000 |

## Application Conditions

| | |
|---|---|
| Ambient temperature range | -40 to +104 °F |

## 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 |
| Local order code | . |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 910503703119 |
| Net Weight (Piece) | 7.600 kg |

## Dimensional drawing



Vaya

www.lighting.philips.com

2018, December 3 - data subject to change