



Vaya Flood HP

BCP418 48xLED-HB/5000 220-240V 90 CE CQC

48 pcs - LED High Brightness - Very wide beam angle 90°

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] |
| Lamp colour code | Cool white |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | FG [Flat glass] |
| Luminaire light beam spread | 90° |
| Protection class IEC | Safety class I (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 | Very wide beam angle 90° |
| PSE mark | No |
| RoHS mark | - |
| WEEE mark | - |

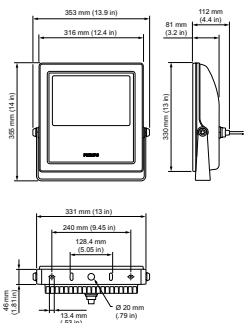
| Angle | 90° |
|--------------------------------|-------------------|
| Light Technical | |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |
| Operating and Electrical | |
| Input voltage | 220 to 240 V |
| Input frequency | 50 to 60 Hz |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Housing material | Aluminum 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 |
| 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 |

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| 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 | 871829163553699 |
| Order product name | BCP418 48xLED-HB/5000 220-240V 90 CE CQC |
| EAN/UPC – product | 8718291635536 |
| Order code | 912400130408 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 2 |
| Material no. (12NC) | 912400130408 |
| Net weight (piece) | 7.600 kg |

Dimensional drawing



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