



Vaya Flood HP

BCP418 48xLED-HB/4000 220-240V 20 CE CQC

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

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] | Angle | 20° |
| Lamp family code | LED-HB [LED High Brightness] | Light Technical | |
| Lamp colour code | Cool white | Standard tilt angle post-top | 0° |
| Light source replaceable | No | Standard tilt angle side entry | 0° |
| Driver included | Yes | Operating and Electrical | |
| Optical cover/lens type | FG [Flat glass] | Input voltage | 220 to 240 V |
| Luminaire light beam spread | 20° | Input frequency | 50 to 60 Hz |
| Protection class IEC | Safety class I (I) | Controls and Dimming | |
| Type description | No | Dimmable | Yes |
| CE mark | CE mark | Mechanical and Housing | |
| ENEC mark | ENEC mark | Housing material | Aluminum die-cast |
| UL mark | No | Optic material | Glass |
| CQC mark | CQC-mark | Optical cover/lens material | Tempered glass |
| Lifetime to 70% luminous flux | 50000 h | Optical cover/lens shape | Flat |
| Outdoor optic type | Medium beam angle 20° | Colour | Dark Grey |
| PSE mark | No | | |
| RoHS mark | - | | |
| WEEE mark | - | | |

Vaya Flood HP

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| 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 |
| | Complies with ANSI C136.31 |

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| Initial Performance (IEC Compliant) | |
| Initial luminous flux | 10118 lm |
| Initial luminous flux at color temperature of 4000 K | 10118 lm |
| Initial LED luminaire efficacy | 98.9 lm/W |
| Lamp colour temperature | 4000 K |
| Colour Rendering Index | 82 |
| Initial input power | 100 W |

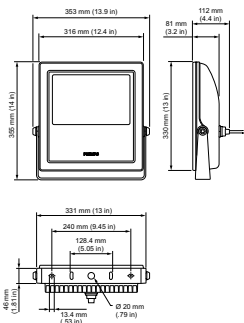
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|--|-------|
| Over Time Performance (IEC Compliant) | |
| Lumen Maintenance 70% at 25°C Calculated | 71000 |
| Lumen Maintenance 70% at 25°C Reported | 60000 |
| Lumen Maintenance 70% at 40°C Calculated | 60000 |
| Lumen Maintenance 70% at 40°C Reported | 60000 |
| Lumen Maintenance 80% at 25°C Calculated | 45000 |
| Lumen Maintenance 80% at 25°C Reported | 45000 |

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|--|-------|
| 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 |

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|---------------------------|---------------|
| Application Conditions | |
| Ambient temperature range | -40 to +40 °C |

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| Product Data | |
| Full product code | 871829163527799 |
| Order product name | BCP418 48xLED-HB/4000 220-240V |
| | 20 CE CQC |
| EAN/UPC – product | 8718291635277 |
| Order code | 910503703124 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 2 |
| Material no. (12NC) | 910503703124 |
| Net weight (piece) | 7.600 kg |

Dimensional drawing



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