



# Vaya Flood HP

BCP418 48xLED-HB/3000 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]                  |
| Lamp family code              | LED-HB [ LED High Brightness] |
| Lamp colour code              | Neutral 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 (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 20°         |
| 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               | Aluminum die-cast |
| Optic material                 | Glass             |
| Optical cover/lens material    | Tempered glass    |
| Optical cover/lens shape       | Flat              |
| Colour                         | Dark Grey         |

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|                                 |   |
|---------------------------------|---|
| <b>Approval and Application</b> |   |
| 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                    |

|  |           |
|--|-----------|
| <b>Initial Performance (IEC Compliant)</b> |           |
| Initial luminous flux                      | 9317 lm   |
| Initial LED luminaire efficacy             | 90.3 lm/W |
| Lamp colour temperature                    | 3000 K    |
| Colour Rendering Index                     | 80        |
| Initial input power                        | 100 W     |

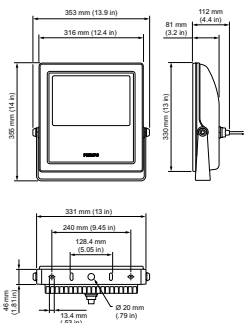
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| <b>Over Time Performance (IEC Compliant)</b> |       |
| Lumen Maintenance 70% at 25°C Calculated     | 71000 |
| Lumen Maintenance 70% at 25°C Reported       | 60000 |
| Lumen Maintenance 70% at 40°C Calculated     | 60000 |
| Lumen Maintenance 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 |

|                               |               |
|-------------------------------|---------------|
| <b>Application Conditions</b> |               |
| Ambient temperature range     | -40 to +40 °C |

|                                 |  |
|---------------------------------|--|
| <b>Product Data</b>             |  |
| Full product code               | 871829163523999                          |
| Order product name              | BCP418 48xLED-HB/3000 220-240V 20 CE CQC |
| EAN/UPC – product               | 8718291635239                            |
| Order code                      | 910503703120                             |
| Numerator – quantity per pack   | 1  |
| Numerator – packs per outer box | 2  |
| Material no. (12NC)             | 910503703120                             |
| Net weight (piece)              | 7.600 kg                                 |

## Dimensional drawing



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