



# Vaya Flood HP, White

## Vaya Flood HP, 4000 K, 10°, CE/CQC

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Vaya Flood HP is a reliable and cost effective high output LED flood lighting solution ideal for illuminating large-scale exterior facades, bridges, and monuments. While minimizing initial investment, this Vaya Flood series provides exceptional flexibility to create eye-catching flood, wash and spot lighting effects. A wide choice of beam angles and color options let you bring a property to life with either static or dynamically changing colors. Extended light throw and high efficacy set this compact & robust luminaire apart. Its integrated power and adjustable tilt angle make this product versatile and easy to use.

### Product data

| General information           |                               |                                |                   |
|-------------------------------|-------------------------------|--------------------------------|-------------------|
| Number of light sources       | 48 pcs                        | EU RoHS compliant              | No                |
| Lamp family code              | LED-HB [ LED High Brightness] | WEEE mark                      | -                 |
| Light source color            | Cool white                    | Angle                          | 10°               |
| Light source replaceable      | No                            | Light technical                |                   |
| Driver included               | Yes                           | Standard tilt angle posttop    | 0°                |
| Optical cover/lens type       | Flat glass                    | Standard tilt angle side entry | 0°                |
| Luminaire light beam spread   | 10°                           | Operating and electrical       |                   |
| Protection class IEC          | Safety class I                | Input Voltage                  | 220 to 240 V      |
| Type description              | -                             | Input Frequency                | 50 to 60 Hz       |
| CE mark                       | CE mark                       | Controls and dimming           |                   |
| ENEC mark                     | ENEC mark                     | Dimmable                       | Yes               |
| UL mark                       | -                             | Mechanical and housing         |                   |
| CQC mark                      | CQC-mark                      | Housing Material               | Aluminum die cast |
| Lifetime to 70% luminous flux | 50000 h                       |                                |                   |
| Optic type outdoor            | Narrow beam angle 10°         |                                |                   |
| PSE mark                      | No                            |                                |                   |

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|                             |                |
|-----------------------------|----------------|
| Optic material              | Glass          |
| Optical cover/lens material | Tempered glass |
| Optical cover/lens shape    | Flat           |
| Color                       | Dark gray      |

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                    |
| Vibration Rating             | Complies with ANSI C136.31                    |

Initial performance (IEC compliant)

|  |           |
|--|-----------|
| Initial luminous flux (system flux)                  | 10117 lm  |
| Initial luminous flux at color temperature of 4000 K | 10117 lm  |
| Initial LED luminaire efficacy                       | 98.2 lm/W |
| Init. Corr. Color Temperature                        | 4000 K    |
| Init. Color Rendering Index                          | 82        |
| Initial input power                                  | 100 W     |

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

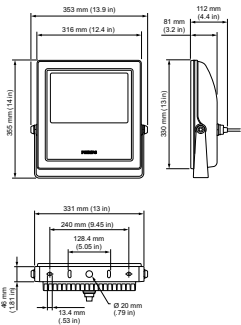
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +40 °C |
|---------------------------|---------------|

Product data

|                                 |  |
|---------------------------------|--|
| Full product code               | 871829163526099                          |
| Order product name              | BCP418 48xLED-HB/4000 220-240V 10 CE CQC |
| EAN/UPC - Product               | 8718291635260                            |
| Order code                      | 350-000009-04                            |
| Numerator - Quantity Per Pack   | 1  |
| Numerator - Packs per outer box | 2  |
| Material Nr. (12NC)             | 910503703123                             |
| Net Weight (Piece)              | 7.600 kg                                 |
| Catalog Number                  | 350-000009-04                            |
| Catalog Number Description      | Vaya Flood HP, 4000 K, 10°, CE/CQC       |



Dimensional drawing



BCP418 48xLED-HB/4000 220-240V 10 CE CQC

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