PHILIPS Lighting



Vaya Flood LP

BCP432 4000 100-240 90 UL

Very wide beam angle 90°

Vaya Flood LP (gen2) is a reliable and cost effective LED flood lighting solution for both interior and exterior use that minimizes the initial investment, while providing exceptional flexibility to create eye-catching flood, wash and accent 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 | |
|-----------------------------|-------------------------------|
| Lamp family code | LED-HB [LED High Brightness] |
| Light source color | Neutral white |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | Tempered glass |
| Luminaire light beam spread | 90° |
| Protection class IEC | Safety class I |
| UL mark | UL and cUL mark |
| Optic type outdoor | Very wide beam angle 90° |
| PSE mark | No |
| FCC mark | FCC Class A |
| Angle | 90° |
| Operating and Electrical | |
| Input Voltage | 100 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 |
| Optical cover/lens finish | Clear |
| Color | Dark gray |
| | |
| Approval and Application | |
| Ingress protection code | IP66 [Dust penetration-protected, jet- |
| | proof] |
| Mech. impact protection code | IK06 [1 J] |
| | |
| Initial Performance (IEC Compliant) | |
| Init. Corr. Color Temperature | 4000 K |

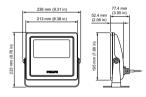
Vaya Flood LP

| Init. Color Rendering Index | 82 |
|--|-------|
| | |
| Over Time Performance (IEC Complian | t) |
| Lumen Maintenance 70% at 25°C Calculated | 71000 |
| Lumen Maintenance 70% at 25°C Reported | 60000 |
| Lumen Maintenance 70% at 40°C Calculated | 71000 |
| 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 | 45000 |
| Lumen Maintenance 80% at 40°C Reported | 45000 |
| Lumen Maintenance 90% at 25°C Calculated | 23000 |
| Lumen Maintenance 90% at 25°C Reported | 23000 |
| Lumen Maintenance 90% at 40°C Calculated | 23000 |
| Lumen Maintenance 90% at 40°C Reported | 23000 |
| | |

| a 11 - 11 - 10 - 11-1 | |
|---------------------------------|---------------------------|
| Application Conditions | |
| Ambient temperature range | -40 to +40 °C |
| | |
| Product Data | |
| Full product code | 871829164960199 |
| Order product name | BCP432 4000 100-240 90 UL |
| EAN/UPC - Product | 8718291649601 |
| Order code | 912400133943 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 912400133943 |
| Net Weight (Piece) | 2.770 kg |
| | |

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Dimensional drawing





Vaya



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www.lighting.philips.com 2019, May 2 - data subject to change