PHILIPS

Lighting



Vaya Flood LP

BCP432 3000 100-240 20 UL HMA

Housing with medium-length arm - Medium beam angle 20º

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	20°
Protection class IEC	Safety class I
UL mark	UL and cUL mark
Optic type outdoor	Medium beam angle 20º
PSE mark	No
FCC mark	FCC Class A
Angle	20°

Operating and Electrical	
Input Voltage	100 to 240 V
Input Frequency	50 to 60 Hz

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing configuration	Housing with medium-length arm
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]
Vibration Standard	Complies with ANSI C136.31

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Vibration Rating	Complies with ANSI C136.31

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3357 lm
Initial LED luminaire efficacy	79.7 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	82
Initial input power	44 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	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

Application Conditions

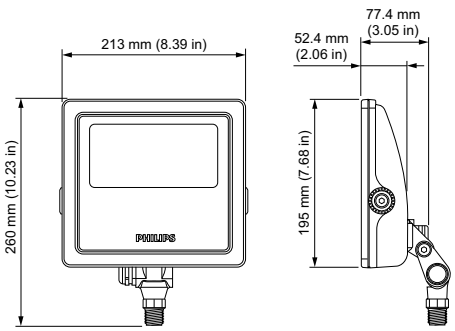
Ambient temperature range	-40 to +40 °C

Product Data

Full product code	871829164761499
Order product name	BCP432 3000 100-240 20 UL HMA
EAN/UPC - Product	8718291647614
Order code	912400133931
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	912400133931
Net Weight (Piece)	2.500 kg

IK06

Dimensional drawing



Vaya

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