PHILIPS Lighting



Vaya Flood MP

BCP435 4000 100 20 PSE

Medium beam angle 20º

Vaya Flood MP 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
Optic type outdoor	Medium beam angle 20º
PSE mark	PSE mark
Angle	20°
Operating and Electrical	
Input Voltage	100 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	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
Vibration Rating	Complies with ANSI C136.31

Vaya Flood MP

Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	6150 lm
Initial luminous flux at color temperature of	6150 lm
4000 K	
Initial LED luminaire efficacy	90.8 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	82
Initial input power	68 W
Over Time Performance (IEC Compliant)	
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	60000

71000

60000

100000

60000

45000

45000

74000

Lumen Maintenance 90% at 25°C Reported	60000
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	871829138632299
Order product name	BCP435 4000 100 20 PSE
EAN/UPC - Product	8718291386322
Order code	912400134056
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400134056
Net Weight (Piece)	5.720 kg

K 06

Dimensional drawing

Lumen Maintenance 70% at 40°C Calculated

Lumen Maintenance 70% at 40°C Reported

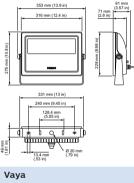
Lumen Maintenance 80% at 25°C Calculated

Lumen Maintenance 80% at 25°C Reported

Lumen Maintenance 80% at 40°C Calculated

Lumen Maintenance 80% at 40°C Reported

Lumen Maintenance 90% at 25°C Calculated







© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

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