Vaya Flood LP

BCP431 RGB 100-240 10 UL

Narrow beam angle 10°

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	Red, green and blue
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	Tempered glass
Protection class IEC	Safety class I
UL mark	UL and cUL mark
Optic type outdoor	Narrow beam angle 10°
PSE mark	No
FCC mark	FCC Class A
Angle	10°

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

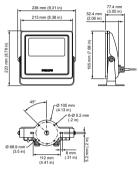|	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Vibration Standard	Complies with ANSI C136.31
Vibration Rating	Complies with ANSI C136.31

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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1542 lm
Initial LED luminaire efficacy	38.4 lm/W
Initial input power	45 W

Over Time Performance (IEC Compliant)

Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	60000
Lumen Maintenance 50% at 40°C Calculated	100000
Lumen Maintenance 50% at 40°C Reported	60000
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 40°C Calculated	100000
Lumen Maintenance 70% at 40°C Reported	60000

Application Conditions

Ambient temperature range	–40 to +40 °C

Product Data

Full product code	871829164709699
Order product name	BCP431 RGB 100–240 10 UL
EAN/UPC – Product	8718291647096
Order code	912400133899
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	912400133899
Net Weight (Piece)	2.800 kg

IK 06

Dimensional drawing

Vaya

www.lighting.philips.com

2019, May 2 – data subject to change