PHILIPS

Lighting



Vaya Flood MP Medium

BCP435 4000 220-240 20 CE CQC

Medium beam angle 20º

With budgets under pressure, property owners and developers are looking, more than ever, for value for money when it comes to capital expenditures.Vaya Flood is an affordable and reliable LED solution that minimizes the initial investment, while providing exceptional flexibility to create eye-catching, dynamic and colorful lighting effects that can bring a property to life.The robust Vaya Flood offers a wide choice of mono colors with a simple on-off switch and changing colors with a standard DMX512 controller. It is also extremely easy to install and aim.

Product data

General Information	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	Neutral white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	GT [Tempered glass]
Luminaire light beam spread	20°
Protection class IEC	Safety class I (I)
CE mark	CE mark
CQC mark	CQC-mark
Outdoor optic type	Medium beam angle 20º
PSE mark	No
Angle	20°

Operating and Electrical	
Input voltage	220 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	Glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Colour	Dark gray

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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
	Complies with ANSI C136.31

Initial Performance (IEC Compliant)	
Initial luminous flux	6150 lm
Initial luminous flux at color temperature of 4000 K	6150 lm
Initial LED luminaire efficacy	90.8 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	82
Initial input power	68 W

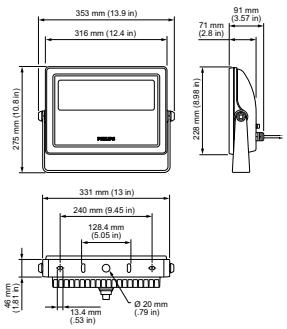
Over Time Performance (IEC Compliant)	
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	60000
Lumen Maintenance 70% at 40°C Calculated	71000
Lumen Maintenance 70% at 40°C Reported	60000
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 25°C Reported	60000
Lumen Maintenance 80% at 40°C Calculated	45000
Lumen Maintenance 80% at 40°C Reported	45000
Lumen Maintenance 90% at 25°C Calculated	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	871829138600199
Order product name	BCP435 4000 220-240 20 CE CQC
EAN/UPC – product	8718291386001
Order code	38600199
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	912400134024
Net weight (piece)	5.720 kg

IK06

Dimensional drawing



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