ColorBlast RGBA/ RGBW Powercore gen4

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ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), White Housing, UL/CE/CQC

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ColorBlast RGBA/RGBW Powercore gen4 is the next generation of indoor and outdoor floodlighting. Ideally suited for wall washing, grazing and spotlighting, ColorBlast Powercore RGBA gen4 is a high-performance fixture that provides the benefits of fully saturated colors plus amber. All four channels used together expand the available range of colors to include orange and warmer tones. ColorBlast Powercore RGBW gen4 is best suited for pastels, saturated red, and producing white and color light in the same fixture. ColorBlast RGBA/RGBW Powercore gen4 also offers a range of field-configurable beam angles, as well as the flexibility of customization with a full range of accessories that can be used in endless configurations.

Product data

General information	
Number of light sources	36 [36 pcs]
Beam angle of light source	10 °
Light source colour	RGBW
Light source replaceable	No
Number of gear units	1 unit

Driver/power unit/transformer	PSDMX [Power supply unit with DMX interface]
Driver included	Yes
Optical cover/lens type	CLFT [Clear flat]
Luminaire light beam spread	10°
Protection class IEC	Safety class I

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CE mark	CE mark
ENEC mark	ENEC mark
UL mark	UL and cUL mark
Lifetime to 50% luminous flux	72300 h
Lifetime to 70% luminous flux	72300 h
Lifetime to 90% luminous flux	20100 h
Optic type outdoor	Narrow beam angle 10°
Constant light output	No
EU RoHS compliant	No
WEEE mark	–
Accessory PFC	ZCP485

Light technical

Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and electrical

Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz
Power factor (nom.)	–

Controls and dimming

Dimmable	Yes

Mechanical and housing

Housing material	Aluminium die–cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Mounting device	Baseplate
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Colour	White

Approval and application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Energy Efficiency Class	G
Mech. impact protection code	IK10 [20 J vandal-resistant]
Vibration standard	Complies with ANSI C136.31, 3G
Vibration rating	Complies with ANSI C136.31, 3G
	887843

Initial performance (IEC compliant)

Initial luminous flux (system flux)	2162 lm

Initial LED luminaire efficacy	44.9 lm/W
Initial input power	50 W

Over time performance (IEC compliant)

Lumen Maintenance 50% at 25 °C Calculated	90300
Lumen Maintenance 50% at 25 °C Reported	54000
Lumen Maintenance 50% at 50 °C Calculated	90300
Lumen Maintenance 50% at 50 °C Reported	54000
Lumen Maintenance 70% at 25 °C Calculated	46100
Lumen Maintenance 70% at 25 °C Reported	46100
Lumen Maintenance 70% at 50 °C Calculated	46100
Lumen Maintenance 70% at 50 °C Reported	46100
Lumen Maintenance 80% at 25 °C Calculated	28600
Lumen Maintenance 80% at 25 °C Reported	28600
Lumen Maintenance 80% at 50 °C Calculated	28600
Lumen Maintenance 80% at 50 °C Reported	28600
Lumen Maintenance 90% at 25 °C Calculated	13100
Lumen Maintenance 90% at 25 °C Reported	13100
Lumen Maintenance 90% at 50 °C Calculated	13100
Lumen Maintenance 90% at 50 °C Reported	13100

Application conditions

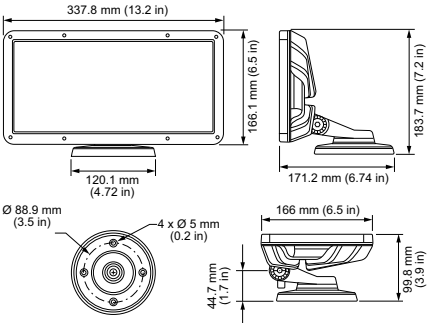|	
Ambient temperature range	–40 to +50 °C

Product data

Full product code	871829138841899
Order product name	BCP484 36xLED-HB/RGBW 100–277V 10 WH
EAN/UPC – product	8718291388418
Order code	423-000012-00
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400130375
Net Weight (Piece)	4.146 kg
Commercial Code	423-000012-00
Catalogue number description	ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), White Housing, UL/CE/CQC

IP66

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Dimensional drawing

BCP484 36xLED-HB/RGBW 100-277V 10 WH

www.lighting.philips.com

2022, September 15 – data subject to change