



ColorBlast RGBW/ RGBW Powercore gen4

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

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ColorBlast RGBW/RGBW Powercore gen4 is the next generation of indoor and outdoor floodlighting. Ideally suited for wall washing, grazing and spotlighting, ColorBlast Powercore RGBW 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 RGBW/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		Driver/power unit/transformer	
Number of light sources	36 [36 pcs]	PSDMX [Power supply unit with DMX interface]	
Beam angle of light source	10 °	Driver included	Yes
Light source colour	RGBW	Optical cover/lens type	CLFT [Clear flat]
Light source replaceable	No	Luminaire light beam spread	10°
Number of gear units	1 unit	Protection class IEC	Safety class I (I)

ColorBlast RGBA/RGBW Powercore gen4

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
Accessory PFC	ZCP485

Operating and electrical

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

Controls and dimming

Dimmable	Yes
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Mechanical and housing

Housing material	Aluminum 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	Black

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
	887844

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
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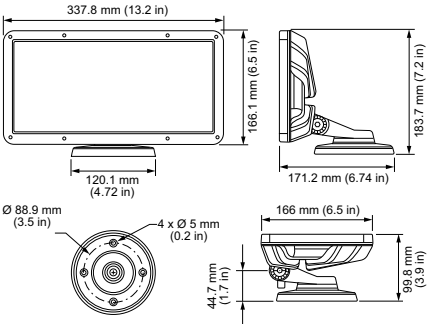
Product data

Full product code	871829138842599
Order product name	BCP484 36xLED-HB/RGBW 100-277V 10 BK
EAN/UPC – product	8718291388425
Order code	423-000012-01
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400130376
Net Weight (Piece)	4.146 kg
Commercial Code	423-000012-01
Catalogue number description	ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), Black Housing, UL/CE/CQC



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Dimensional drawing



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

