



ColorBlast Powercore gen4 RGBW/RGBA

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

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ColorBlast RGBA/RGBW Powercore gen4 high-performance LED luminaires combine white and rich, saturated, colour and colour-changing effects with simplified installation. ColorBlast Powercore gen4 offers a range of accessories that allow customisable beam angles for floodlighting, spotlighting, wall washing and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminium housing.

Product data

General information			
Number of light sources	36 [36 pcs]	CE mark	CE mark
Beam angle of light source	10 °	ENEC mark	ENEC mark
Lamp colour code	RGBW	UL mark	UL and cUL mark
Light source replaceable	No	Lifetime to 50% luminous flux	72300 h
Number of gear units	1 unit	Lifetime to 70% luminous flux	72300 h
Driver/power unit/transformer	PSDMX [Power supply unit with DMX interface]	Lifetime to 90% luminous flux	20100 h
Driver included	Yes	Optic type outdoor	Narrow beam angle 10°
Optical cover/lens type	CLFT [Clear flat]	Constant light output	No
Luminaire light beam spread	10°	Accessory PFC	ZCP485
Protection class IEC	Safety class I (I)	Operating and electrical	
		Input Voltage	100 to 277 V

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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

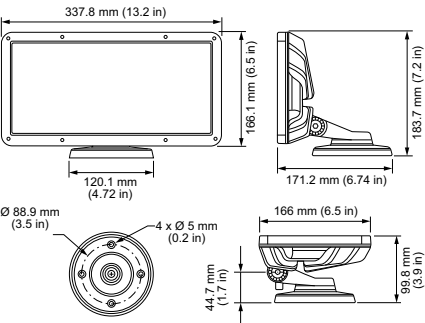
Ambient temperature range	-40 to +50 °C
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Product data

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



Dimensional drawing



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

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