



ColorBlast Powercore gen4, RGBW



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

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ColorBlast Powercore gen4 high-performance LED luminaires combine white and rich, saturated, color and color-changing effects with simplified installation. ColorBlast Powercore gen4 offers a range of accessories that allow customizable 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 pcs	ENEC mark	ENEC mark
Beam angle of light source	10 °	UL mark	UL and cUL mark
Light source color	RGBW	Lifetime to 50% luminous flux	72300 h
Light source replaceable	No	Lifetime to 70% luminous flux	72300 h
Number of gear units	1 unit	Lifetime to 90% luminous flux	20100 h
Driver/power unit/transformer	Power supply unit with DMX interface	Optic type outdoor	Narrow beam angle 10°
Driver included	Yes	Constant light output	No
Optical cover/lens type	Clear flat	EU RoHS compliant	No
Luminaire light beam spread	10°	WEEE mark	-
Protection class IEC	Safety class I	Accessory PFC	ZCP485
CE mark	CE mark		

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Light technical

Standard tilt angle posttop	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
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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
Color	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
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
Vibration Rating	Complies with ANSI C136.31, 3G
EPREL Registration Number	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
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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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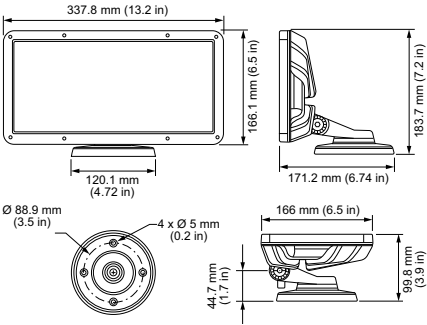
Product data

Full product code	871829138841899
Order product name	BCP484 36xLED-HB/RGBW 100-277V 10 WH
EAN/UPC - Product	8718291388418
Order code	423-000012-00
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130375
Net Weight (Piece)	4.146 kg
Catalog Number	423-000012-00
Catalog Number Description	ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), White Housing, UL/CE/CQC



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Dimensional drawing



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

