



ColorBlast Powercore gen4, RGBA



ColorBlast Powercore gen4, RGBA, 100 – 277 VAC, 10° Native (no spread lens), Black 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			
Beam angle of light source	10 °	UL mark	UL and cUL mark
Light source color	RGBA	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	Accessory PFC	ZCP485
Luminaire light beam spread	10°	Operating and electrical	
Protection class IEC	Safety class I	Input Voltage	100 to 277 V
CE mark	CE mark	Input Frequency	50 to 60 Hz
ENEC mark	ENEC mark	Control signal voltage	-

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Power Factor (Nom)	-
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing Material	Aluminum die cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	-
Mounting device	Baseplate
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Color	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
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
Vibration Rating	Complies with ANSI C136.31, 3G
EPREL Registration Number	887846
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	1852 lm
Initial LED luminaire efficacy	38.6 lm/W
Initial input power	50 W
Over time performance (IEC compliant)	
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	54000
Lumen Maintenance 50% at 50°C Calculated	100000

Lumen Maintenance 50% at 50°C Reported	54000
Lumen Maintenance 70% at 25°C Calculated	63300
Lumen Maintenance 70% at 25°C Reported	54000
Lumen Maintenance 70% at 50°C Calculated	63300
Lumen Maintenance 70% at 50°C Reported	54000
Lumen Maintenance 80% at 25°C Calculated	35700
Lumen Maintenance 80% at 25°C Reported	35700
Lumen Maintenance 80% at 50°C Calculated	35700
Lumen Maintenance 80% at 50°C Reported	35700
Lumen Maintenance 90% at 25°C Calculated	11300
Lumen Maintenance 90% at 25°C Reported	11300
Lumen Maintenance 90% at 50°C Calculated	11300
Lumen Maintenance 90% at 50°C Reported	11300

Application conditions

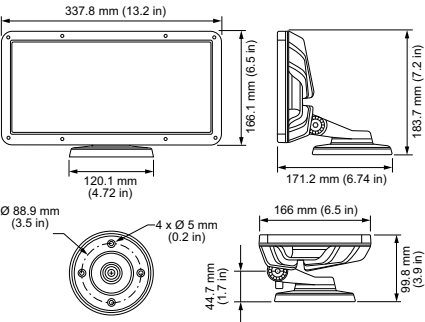
Ambient temperature range	-40 to +50 °C
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Product data

Full product code	871829138848799
Order product name	BCP484 36xLED-HB/RGBA 100-277V 10 BK
EAN/UPC - Product	8718291388487
Order code	423-000013-01
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130380
Net Weight (Piece)	4.146 kg
Catalog Number	423-000013-01
Catalog Number Description	ColorBlast Powercore gen4, RGBA, 100 – 277 VAC, 10° Native (no spread lens), Black Housing, UL/CE/CQC



Dimensional drawing



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