



ColorBlast RGB Powercore gen4

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

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ColorBlast RGB Powercore gen4 is the next generation of indoor and outdoor floodlighting. Ideally suited for wall washing, grazing and spot lighting, ColorBlast RGB Powercore gen4 is a high-performance fixture that provides the benefits of fully saturated colors plus quality white light. It 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			
Beam angle of light source	10 °	UL mark	UL and cUL mark
Light source colour	RGB	Optic type outdoor	Narrow beam angle 10°
Light source replaceable	No	Constant light output	No
Number of gear units	1 unit	Accessory PFC	ZCP485
Driver/power unit/transformer	PSDMX [Power supply unit with DMX interface]	Operating and electrical	
Driver included	Yes	Input Voltage	100 to 277 V
Optical cover/lens type	CLFT [Clear flat]	Input frequency	50 to 60 Hz
Luminaire light beam spread	10°	Power factor (nom.)	-
Protection class IEC	Safety class I (I)		
CE mark	CE mark		

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Controls and dimming	
Dimmable	Yes

Mechanical and housing	
Housing material	Aluminum die-cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Fixation material	Aluminium
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 890592

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	1755 lm
Initial LED luminaire efficacy	38.8 lm/W
Init. Colour rendering index	80
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	72000
Lumen Maintenance 50% at 50 °C Calculated	100000
Lumen Maintenance 50% at 50 °C Reported	72000

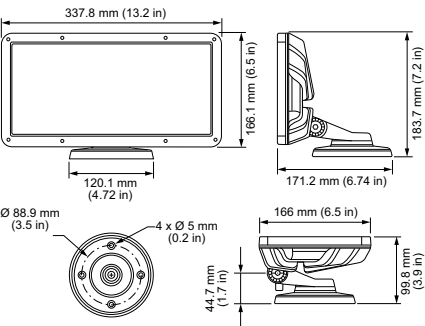
Lumen Maintenance 70% at 25 °C Calculated	100000
Lumen Maintenance 70% at 25 °C Reported	72000
Lumen Maintenance 70% at 50 °C Calculated	100000
Lumen Maintenance 70% at 50 °C Reported	72000
Lumen Maintenance 80% at 25 °C Calculated	100000
Lumen Maintenance 80% at 25 °C Reported	72000
Lumen Maintenance 80% at 50 °C Calculated	100000
Lumen Maintenance 80% at 50 °C Reported	72000
Lumen Maintenance 90% at 25 °C Calculated	51400
Lumen Maintenance 90% at 25 °C Reported	51400
Lumen Maintenance 90% at 50 °C Calculated	51400
Lumen Maintenance 90% at 50 °C Reported	51400

Application conditions	
Ambient temperature range	-40 to +50 °C

Product data	
Full product code	871829164846899
Order product name	BCP480 36xLED-HB/RGB 100-277V 10 BK
EAN/UPC – product	8718291648468
Order code	123-000155-01
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400130352
Net Weight (Piece)	4.146 kg
Commercial Code	123-000155-01
Catalogue number description	ColorBlast Powercore gen4, RGB, 100 – 277 VAC, 10° Native (no spread lens), Black Housing, UL/CE/CQC



Dimensional drawing



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