



ColorBlast RGB Powercore gen4



BCP480 36xLED-HB/RGB 100-277V 10 WH

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

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 °	Constant light output	No
Light source colour	RGB	EU RoHS compliant	No
Light source replaceable	No	WEEE mark	-
Number of gear units	1 unit	Accessory PFC	ZCP485
Driver/power unit/transformer	PSDMX [Power supply unit with DMX interface]	Light Technical	
Driver included	Yes	Standard tilt angle post-top	0°
Optical cover/lens type	CLFT [Clear flat]	Standard tilt angle side entry	0°
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	Power factor (nom.)	-
UL mark	UL and cUL mark		
Optic type outdoor	Narrow beam angle 10°		

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Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Aluminium 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	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
Vibration rating	Complies with ANSI C136.31, 3G 890591

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

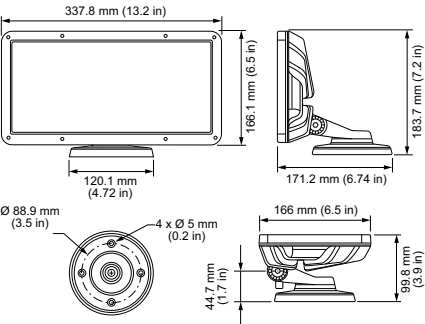
Lumen Maintenance 70% at 25 °C Reported	72000
Lumen Maintenance 70% at 50 °C Calculated	100000
Lumen Maintenance 70% at 50 °C Reported	72000
Lumen Maintenance 80% at 25 °C Calculated	100000
Lumen Maintenance 80% at 25 °C Reported	72000
Lumen Maintenance 80% at 50 °C Calculated	100000
Lumen Maintenance 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	871829138830299
Order product name	BCP480 36xLED–HB/RGB 100–277V 10 WH
EAN/UPC – product	8718291388302
Order code	123-000155-00
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	912400130351
SAP net weight (piece)	4.146 kg
Commercial Code	123-000155-00
Catalogue number description	ColorBlast Powercore gen4, RGB, 100 – 277 VAC, 10° Native (no spread lens), White Housing, UL/CE/CQC



Dimensional drawing



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