



ColorBlast Powercore gen4 RGB

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

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

ColorBlast 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 for 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		Operating and electrical	
Beam angle of light source	10 °	Input Voltage	100 to 277 V
Lamp colour code	RGB	Input frequency	50 to 60 Hz
Light source replaceable	No	Power factor (nom.)	-
Number of gear units	1 unit		
Driver/power unit/transformer	PSDMX [Power supply unit with DMX interface]		
Driver included	Yes		
Optical cover/lens type	CLFT [Clear flat]		
Luminaire light beam spread	10°		
Protection class IEC	Safety class I (I)		
CE mark	CE mark		
UL mark	UL and cUL mark		
Optic type outdoor	Narrow beam angle 10°		
Constant light output	No		
Accessory PFC	ZCP485		

ColorBlast Powercore gen4 RGB

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
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

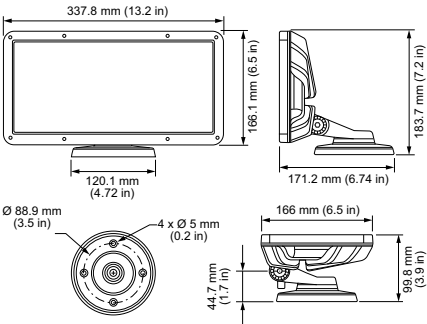
Lumen Maintenance 70% at 25 °C Calculated	100000
Lumen Maintenance 70% at 25 °C Reported	72000
Lumen Maintenance 70% at 50 °C Calculated	100000
Lumen Maintenance 70% at 50 °C Reported	72000
Lumen Maintenance 80% at 25 °C Calculated	100000
Lumen Maintenance 80% at 25 °C Reported	72000
Lumen Maintenance 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
Commercial Code	ColorBlast Powercore gen4, RGB, 100 – 277 VAC, 10° Native (no spread lens), Black Housing, UL/CE/CQC



Dimensional drawing



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

ColorBlast Powercore gen4 RGB

