



ColorBlast RGBA/ RGBW Powercore gen4

BCP484 36xLED-HB/RGBA 100-277V 10 BK

RGBA - Narrow beam angle 10° - Black

ColorBlast RGBA/RGBW Powercore gen4 is the next generation of indoor and outdoor floodlighting. Ideally suited for wall washing, grazing and spot lighting, ColorBlast Powercore RGBA gen4 is a high-performance fixture that provides the benefits of fully saturated colors plus amber. All four channels used together expand the available range of colors to include orange and warmer tones. ColorBlast Powercore RGBW gen4 is best suited for pastels, saturated red, and producing white and color light in the same fixture. ColorBlast RGBA/RGBW Powercore gen4 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

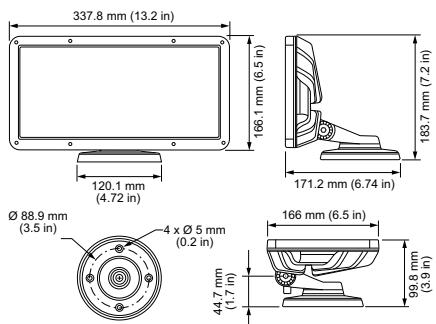
General Information		Protection class IEC	Safety class I (I)
Beam angle of light source	10 °	CE mark	CE mark
Light source colour	RGBA	ENEC mark	ENEC mark
Light source replaceable	No	UL mark	UL and cUL mark
Number of gear units	1 unit	Lifetime to 50% luminous flux	72300 h
Driver/power unit/transformer	PSDMX [Power supply unit with DMX interface]	Lifetime to 70% luminous flux	72300 h
Driver included	Yes	Lifetime to 90% luminous flux	20100 h
Optical cover/lens type	CLFT [Clear flat]	Outdoor optic type	Narrow beam angle 10°
Luminaire light beam spread	10°	Constant light output	No

ColorBlast RGBA/RGBW Powercore gen4

Accessory PFC	ZCP485
Operating and Electrical	
Input voltage	100 to 277 V
Input frequency	50 to 60 Hz
Control signal voltage	-
Power factor (nom.)	0.99 @ 120 VAC, 0.91 @ 277 VAC
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
Colour	Black
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Vibration standard	Complies with ANSI C136.31, 3G
	Complies with ANSI C136.31, 3G
Initial Performance (IEC Compliant)	
Initial luminous flux	1852 lm
Initial LED luminaire efficacy	38.6 lm/W
Init. Corr. colour temperature	2700 to 4000 K
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
Product Data	
Full product code	871829138848799
Order product name	BCP484 36xLED-HB/RGBA 100-277V 10 BK
EAN/UPC – product	8718291388487
Order code	38848799
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	912400130380
Net weight (piece)	4.146 kg

Dimensional drawing



ColorBlast RGBA/RGBW Powercore gen4

ColorBlast RGBA/RGBW Powecore gen4



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com
2019, May 2 - data subject to change