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 spotlighting, 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

Beam angle of light source	10 °
Light source color	RGBA
Light source replaceable	No
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
ENEC mark	ENEC mark
UL mark	UL and cUL mark

Lifetime to 50% luminous flux	72300 h
Lifetime to 70% luminous flux	72300 h
Lifetime to 90% luminous flux	20100 h
Optic type outdoor	Narrow beam angle 10°
Constant light output	No
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

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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	-
Mounting device	Baseplate
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1852 lm
Initial LED luminaire efficacy	38.6 lm/W
Init. Corr. Color Temperature	2700 to 4000 K
Initial input power	50 W

Over Time Performance (IEC Compliant)

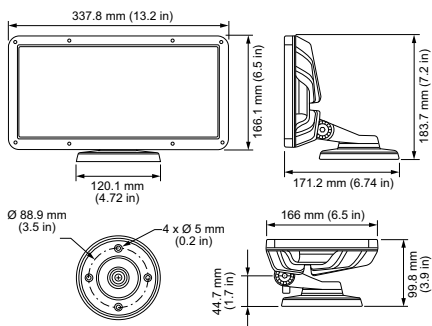|	
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	54000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	54000
Lumen Maintenance 70% at 25°C Calculated	63300
Lumen Maintenance 70% at 25°C Reported	54000
Lumen Maintenance 70% 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 +122 °F

Product Data

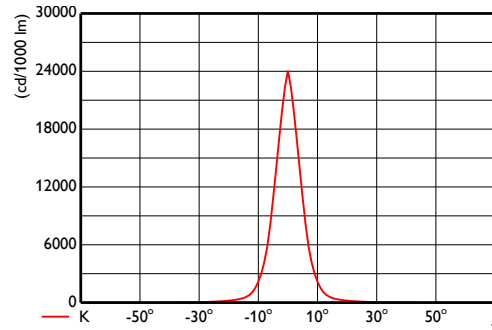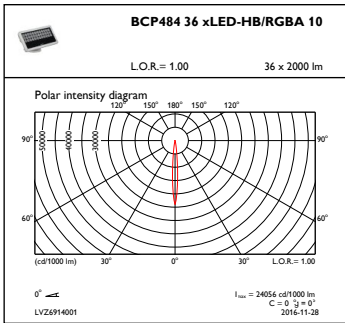|	
Full product code	871829138848799
Order product name	BCP484 36xLED-HB/RGBA 100-277V 10 BK
EAN/UPC - Product	8718291388487
Order code	912400130380
Local order code	.
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130380
Net Weight (Piece)	4.146 kg

Dimensional drawing

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Photometric data

OFPC1_BCP48436xLED-HBRGBA10

OFCS1_BCP48436xLED-HBRGBA10

www.lighting.philips.com

2018, December 3 - data subject to change