



ColorBlast Powercore gen4 RGBW/RGBA

BCP484 36xLED-HB/RGBW 100-277V 10 BK CQC

RGBW - Narrow beam angle 10° - Black

ColorBlast RGBA/RGBW Powercore gen4 high-performance LED luminaires combine white and rich, saturated, color and color-changing effects with simplified installation. ColorBlast Powercore gen4 offers a range of accessories that allow customizable 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	
Number of light sources	-
Beam angle of light source	10°
Light source color	RGBW
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DMX interface
Driver included	Yes
Optical cover/lens type	Clear flat
Luminaire light beam spread	10°
Protection class IEC	Safety class I
ENEC mark	ENEC 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
Power Factor (Nom)	0.99 @ 120 VAC, 0.9 @ 277 VAC
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Material	Aluminum die cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Mounting device	Baseplate

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Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Color	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
Vibration Rating	Complies with ANSI C136.31, 3G

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2162 lm
Initial LED luminaire efficacy	44.9 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	90300
Lumen Maintenance 50% at 25°C Reported	54000
Lumen Maintenance 50% at 50°C Calculated	90300
Lumen Maintenance 50% at 50°C Reported	54000
Lumen Maintenance 70% at 25°C Calculated	46100
Lumen Maintenance 70% at 25°C Reported	46100
Lumen Maintenance 70% at 50°C Calculated	46100
Lumen Maintenance 70% at 50°C Reported	46100

Lumen Maintenance 80% at 25°C Calculated	28600
Lumen Maintenance 80% at 25°C Reported	28600
Lumen Maintenance 80% at 50°C Calculated	28600
Lumen Maintenance 80% at 50°C Reported	28600
Lumen Maintenance 90% at 25°C Calculated	13100
Lumen Maintenance 90% at 25°C Reported	13100
Lumen Maintenance 90% at 50°C Calculated	13100
Lumen Maintenance 90% at 50°C Reported	13100

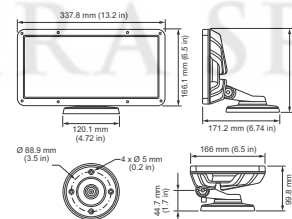
Application Conditions

Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	871829138844999
Order product name	BCP484 36xLED-HB/RGBW 100-277V 10 BK CQC
EAN/UPC - Product	8718291388449
Order code	912400130378
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400130378
Net Weight (Piece)	4.146 kg

Dimensional drawing



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MANTRA

PT. MANTRA WIRA SRIWIJAYA

