PHILIPS Lighting



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		Constant light out
Number of light sources	-	Accessory PFC
Beam angle of light source	10 °	
Light source color	RGBW	Operating and I
Light source replaceable	No	Input Voltage
Number of gear units	1 unit	Input Frequency
Driver/power unit/transformer	Power supply unit with DMX interface	Power Factor (Nor
Driver included	Yes	
Optical cover/lens type	Clear flat	Controls and Di
Luminaire light beam spread	10°	Dimmable
Protection class IEC	Safety class I	
ENEC mark	ENEC mark	Mechanical and
Lifetime to 50% luminous flux	72300 h	Housing Material
Lifetime to 70% luminous flux	72300 h	Optic material
Lifetime to 90% luminous flux	20100 h	Optical cover/lens
Optic type outdoor	Narrow beam angle 10°	Mounting device

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

Baseplate

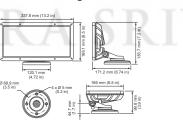
ColorBlast Powercore gen4 RGBW/RGBA

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 T <mark>empe</mark> rature	2700 to 4000 K
Initial input pow <mark>er</mark>	50 W
Over Time Performance (IEC Complia	nt)
Lumen Maintena <mark>nce 5</mark> 0% at 25°C Calculated	90300
Lumen Maintena <mark>nce 5</mark> 0% at 25°C Reported	54000
Lumen Maintena <mark>nce 5</mark> 0% at 50°C Calculate	d 90300
Lumen Maintena <mark>nce 5</mark> 0% at 50°C Reported	54000
Lumen Maintena <mark>nce 7</mark> 0% at 25°C Calculated	46100
Lumen Maintena <mark>nce 7</mark> 0% at 25°C Reported	46100
Lumen Maintena <mark>nce 7</mark> 0% at 50°C Calculated	d 46100
Lumen Maintenance 70% at 50°C Reported	46100

Dimensional drawing



ColorBlast RGBA/RGBW Powercore gen4

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
Numerat <mark>or - Pac</mark> ks per outer b <mark>ox</mark>	2
Material Nr. (12NC)	912400130378
Net Weight (Piece)	4.146 kg

Datasheet, 2019, May 2

data subject to change

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PT. MANTRA WIRA SRIWIJAYA



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