



ColorBurst Powercore gen2 RGBW/RGBA

BCP462 G2 16xLED-HB/RGBA A-MB HMA BK

RGBA - Black

ColorBurst Powercore gen2 is a high-output, exterior-rated LED lighting luminaire designed for accent and site lighting. Architectural and landscape luminaires deliver full-color light output of up to 1,293 lumens to support a range of dynamic uplighting, floodlighting, and decorative lighting applications.

Product data

General Information	
Light source color	RGBA
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	Tempered glass
Protection class IEC	Safety class I
CE mark	CE mark
UL mark	UL and cUL mark
Glare shielding accessories	Glare shield
FCC mark	FCC Class A
Operating and Electrical	
Input Voltage	100 to 277 V
Input Frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover/lens material	Glass
Color	Black
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	609 lm
Initial LED luminaire efficacy	20.8 lm/W
Initial input power	30 W
Over Time Performance (IEC Compliant)	
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	54000

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Lumen Maintenance 50% at 50°C Calculated	92986
Lumen Maintenance 50% at 50°C Reported	54000
Lumen Maintenance 70% at 25°C Calculated	63326
Lumen Maintenance 70% at 25°C Reported	54000
Lumen Maintenance 70% at 50°C Calculated	45761
Lumen Maintenance 70% at 50°C Reported	45761
Lumen Maintenance 80% at 25°C Calculated	35713
Lumen Maintenance 80% at 25°C Reported	35713
Lumen Maintenance 80% at 50°C Calculated	27019
Lumen Maintenance 80% at 50°C Reported	27019
Lumen Maintenance 90% at 25°C Calculated	11357
Lumen Maintenance 90% at 25°C Reported	11357
Lumen Maintenance 90% at 50°C Calculated	10488
Lumen Maintenance 90% at 50°C Reported	10488

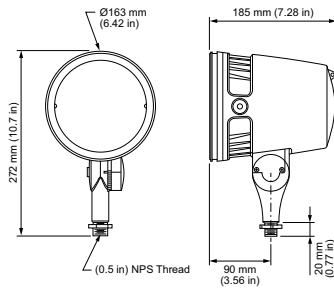
Application Conditions

Ambient temperature range	-40 to +50 °C
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Product Data	
Full product code	871869937378899
Order product name	BCP462 G2 16xLED-HB/RGBA A-MB HMA BK
EAN/UPC - Product	8718699373788
Order code	912400136636
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	912400136636
Net Weight (Piece)	3.470 kg



Dimensional drawing



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