ColorBurst Powercore gen2

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

Red, green and blue - White

ColorBurst Powercore gen2 is a high-output, exterior-rated LED lighting fixture designed for accent and site lighting. Architectural and landscape fixtures deliver full-color light output of up to 963 lumens to support a range of dynamic uplighting, floodlighting, and decorative lighting applications.

Product data

General Information

Light source color	Red, green and blue
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	White

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)	565 lm
Initial LED luminaire efficacy	21.1 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	72000

ColorBurst Powercore gen2

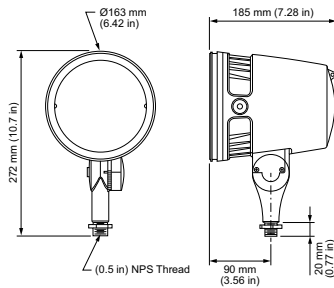|			
Lumen Maintenance 50% at 50°C Calculated	100000	**Product Data**	
Lumen Maintenance 50% at 50°C Reported	72000	**Full product code**	871869937354299
Lumen Maintenance 70% at 25°C Calculated	100000	**Order product name**	BCP462 G2 16xLED-HB/RGB A-MB HMA BK
Lumen Maintenance 70% at 25°C Reported	72000		
Lumen Maintenance 70% at 50°C Calculated	100000	**EAN/UPC – Product**	8718699373542
Lumen Maintenance 70% at 50°C Reported	72000	**Order code**	912400136612
Lumen Maintenance 80% at 25°C Calculated	100000	**Numerator – Quantity Per Pack**	1
Lumen Maintenance 80% at 25°C Reported	72000	**Numerator – Packs per outer box**	2
Lumen Maintenance 80% at 50°C Calculated	100000	**Material Nr. (12NC)**	912400136612
Lumen Maintenance 80% at 50°C Reported	72000	**Net Weight (Piece)**	3.470 kg
Lumen Maintenance 90% at 25°C Calculated	100000		
Lumen Maintenance 90% at 25°C Reported	72000		
Lumen Maintenance 90% at 50°C Calculated	88418		
Lumen Maintenance 90% at 50°C Reported	72000		

IP 66　IK 08

Application Conditions

Ambient temperature range	−40 to +50 °C

Dimensional drawing

Ø163 mm (6.42 in)
185 mm (7.28 in)
272 mm (10.7 in)
(0.5 in) NPS Thread
90 mm (3.56 in)
20 mm (0.77 in)

ColorBurst Powercore gen2