ColorReach Powercore gen2 RGBW/RGBA

ColorReach Powercore gen2, RGBW, 5° Native (no spread lens), UL/CE

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ColorReach Powercore gen2 RGBW/RGBA is a high-performance architectural floodlight that represents the next generation in exterior illumination. It is ideally suited to dynamic lighting of large-scale façades and structures. These versions combine separate 4-channel LED sources in a single fixture to increase the total number of possible color combinations, including pastels, as well as delivering improved warmer tones and higher-quality white light than conventional RGB systems. A custom-designed 6° collimator optic creates a high-quality beam without compromising on performance. Secondary accessories allow customization and beam manipulation, ensuring flexibility for even the trickiest applications.
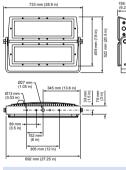
Product data

General Information		UL mark	UL mark
Number of light sources	100 [100 pcs]	Optic type outdoor	Narrow beam angle 5°
Lamp family code	LED-HB [LED High Brightness]	EU RoHS compliant	Yes
Light source colour	RGBW	WEEE mark	WEEE mark
Light source replaceable	No	Angle	5°
Driver included	Yes		
Luminaire light beam spread	5°	**Operating and Electrical**	
CE mark	CE mark	Input Voltage	100 to 277 V

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Input frequency	50 to 60 Hz

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing material	Aluminum
Optic material	Glass
Optical cover/lens material	Glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Colour	Black and aluminum

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

Initial Performance (IEC Compliant)

Initial LED luminaire efficacy	30.8 lm/W
Initial input power	270 W

Over Time Performance (IEC Compliant)

Lumen Maintenance 70% at 25 °C Calculated	100000

Lumen Maintenance 70% at 50 °C Calculated	100000

Application Conditions

Ambient temperature range	–40 to +50 °C

Product Data

Full product code	871829139024400
Order product name	DCP776 RGBW 100–277V UL CE
EAN/UPC – product	8718291390244
Order code	423-000014-00
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912400133577
SAP net weight (piece)	34.000 kg
Commercial Code	423-000014-00
Catalogue number description	ColorReach Powercore gen2, RGBW, 5° Native (no spread lens), UL/CE

Dimensional drawing

733 mm (28.9 in)
158 mm (6.2 in)
459 mm (18 in)
522 mm (20.5 in)
Ø27 mm (1.05 in)
345 mm (13.6 in)
38 mm (1.5 in)
76 mm (3 in)
Ø13 mm (0.53 in)
89 mm (3.5 in)
152 mm (6 in)
305 mm (12 in)
692 mm (27.25 in)

Reach