

ColorReach Powercore gen2

DCP776 RGB CO 100-277V UL CE

RGB - 5° - 100 to 277 V - Narrow beam angle 6° - Black and aluminum

ColorReach Powercore is the first LED fixture powerful enough to brilliantly and dynamically illuminate large architectural façades. ColorReach Powercore combines all the benefits of LED-based lighting and control in an elegant fixture specifically designed for large-scale installations, such as commercial skyscrapers, casinos, large retail exteriors, bridges, piers, public monuments, and themed attractions. With extremely high lumen output and unprecedented light projection, this powerful fixture represents the next generation in exterior illumination. Build-to-order configurations with custom channels of white or color LEDs are also available to support special applications.Integrated Powercore technology ensures rapid, efficient and accurate control of power output to the fixture directly from line voltage, eliminating the need for external power supplies. Use of standard wiring dramatically simplifies installation and helps lower total system cost.

Product data

General Information	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	RGB
Light source replaceable	No
Driver included	Yes
Luminaire light beam spread	5°
Protection class IEC	Safety class I (I)
CE mark	CE mark
UL mark	UL and cUL mark

Lifetime to 70% luminous flux	70000 h
Outdoor optic type	Narrow beam angle 6°

Operating and Electrical	
Input voltage	100 to 277 V
Input frequency	50 to 60 Hz

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Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Aluminum die–cast
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]
Mech. impact protection code	IK07 [2 J reinforced]

Initial Performance (IEC Compliant)	
Initial luminous flux	8937 lm
Initial LED luminaire efficacy	30.8 lm/W
Initial input power	290 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	871829139000800
Order product name	DCP776 RGB CO 100-277V UL CE
EAN/UPC – product	8718291390008
Order code	39000800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912400133609
Net weight (piece)	33.800 kg

IK 07

Dimensional drawing

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