PHILIPS

Lighting



Color Reach Compact Powercore

DCP403 RGB CO 100-277V UL CE

RGB - 5° - 100 to 277 V - Aluminum

ColorReach Compact Powercore combines all the benefits of LED-based lighting and control in a compact fixture specifically designed for large-scale installations, such as commercial skyscrapers, casinos, bridges, piers, public monuments, and themed attractions. With levels of light output and projection never before achieved in a compact LED lighting fixture, ColorReach Compact Powercore delivers intense, energy-efficient output at a reasonable price, opening up new possibilities for exterior illumination. Custom configurations with custom channels of white or colored LED sources are also available to support special applications.

Product data

General Information	
Number of light sources	52 [52 pcs]
Lamp family code	LED-HB [LED High Brightness]
Light source colour	RGB
Light source replaceable	No
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	5°
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
UL mark	UL and cUL mark

Warranty period	5 years
RoHS mark	RoHS mark
WEEE mark	WEEE mark
Life to 70% init. flux at 25°C	100000 h

Operating and Electrical	
Input voltage	100 to 277 V
Input frequency	50 to 60 Hz
Control signal voltage	1-10 V DC

Controls and Dimming	
Dimmable	Yes

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Mechanical and Housing	
Housing material	Aluminum die–cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Colour	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	4658 lm
Init. colour rendering index	82
Initial input power	130 W
Power consumption tolerance	+/-10%

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	871829139012100
Order product name	DCP403 RGB CO 100-277V UL CE
EAN/UPC – product	8718291390121
Order code	39012100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912400133610
Net weight (piece)	23.400 kg

Dimensional drawing

Reach Compact

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