



eW Reach Compact Powercore

DCP400 2700 CO 100-277V UL CE

2700 K - 5° - 100 to 277 V - Flat glass - Aluminum

eW Reach Compact Powercore high-performance LED luminaires are premium exterior long-throw dynamic high-quality white luminaires for lighting tall buildings, bridges, and iconic structures. eW Reach Compact Powercore outputs washes of white light in color temperatures ranging from a warm 2700 K to a cool 6500 K. A full range of accessories allow for customizable beam angles for floodlighting, spotlighting, wall washing, and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminium housing.

Product data

General Information	
Number of light sources	52 pcs
Lamp family code	LED-HB [LED High Brightness]
Light source color	Warm white
Light source replaceable	No
Driver/power unit/transformer	Power supply unit with DMX interface
Driver included	Yes
Optical cover/lens type	Flat glass
Luminaire light beam spread	5°
Protection class IEC	Safety class I
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
UL mark	UL and cUL mark
Warranty period	5 years

FCC mark	FCC Class A
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
Power Factor (Nom)	0.99 (no spread lens, full unit, all channels full on) @ 120 VAC

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 finish	Clear
Color	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 (system flux)	6562 lm
Initial luminous flux at color temperature of 2700 K	6562 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	59.8 lm/W
Init. Corr. Color Temperature	2700 K
Init. Color Rendering Index	80
Initial input power	125 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Useful life L80B10	100000 h
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Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 50°C Calculated	100000
Lumen Maintenance 90% at 25°C Reported	42300
Lumen Maintenance 90% at 50°C Reported	42300

Application Conditions

Ambient temperature range	-40 to +50 °C
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Product Data

Full product code	871829139014500
Order product name	DCP400 2700 CO 100-277V UL CE
EAN/UPC - Product	8718291390145
Order code	912400133469
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912400133469
Net Weight (Piece)	23.400 kg

IP66

Dimensional drawing

Reach Compact

MANTRA

PT. MANTRA WIRA SRIWIJAYA

