PHILIPS

Lighting



eW Reach Compact Powercore

DCP400 4000 CO 100-277V UL CE

4000 K - 5° - 100 to 277 V - Flat glass - Aluminum

eW Reach Compact Powercore combines all the benefits of LED-based lighting in a compact fixture specifically designed for large-scale installations where high-quality white light is required, such as in commercial skyscrapers, casinos, large retail exteriors, bridges, piers, public monuments, and themed attractions. With levels of light output and projection never before achieved in a compact LED lighting fixture, eW Reach Compact Powercore delivers intense, energy-efficient output at a reasonable price, opening up new possibilities for exterior illumination. Standard configurations include a warm 2700 K and a cool 4000 K, with six additional color temperatures available, ranging from 3000 K to 6500 K.

Product data

General Information	
Number of light sources	52 [52 pcs]
Lamp family code	LED-HB [LED High Brightness]
Light source colour	Cool white
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

Operating and Electrical	
Input voltage	100 to 277 V
Input frequency	50 to 60 Hz
Power factor (nom.)	0.99 (no spread lens, full unit, all channels full on) @ 120 VAC

Mechanical and Housing	
Housing material	Aluminum die–cast

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Optic material	Glass
Optical cover/lens material	Tempered glass
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	7441 lm
Initial luminous flux at color temperature of 4000 K	7441 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	59.8 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	82
Initial input power	125 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Useful life L80B10	100000 h
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

Product Data

Full product code	871829139017600
Order product name	DCP400 4000 CO 100-277V UL CE
EAN/UPC – product	8718291390176
Order code	39017600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912400133475
Net weight (piece)	23.400 kg

Dimensional drawing

Reach Compact

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