PHILIPS

Lighting



iW Reach Powercore gen2

DCP774 2700-6500 CO 100-277V UL CE

Cool white and warm white - 5° - 100 to 277 V - Aluminum

iW Reach Powercore is the first LED fixture powerful enough to brilliantly illuminate large architectural façades with washes of white light in color temperatures ranging from warm to cool. iW Reach Powercore combines all the benefits of LED lighting 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.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	Cool white and warm white
Light source replaceable	No
Driver included	Yes
Optical cover/lens type	GT [Tempered glass]
Luminaire light beam spread	5°
Protection class IEC	Safety class I (I)
CE mark	CE mark
UL mark	UL and cUL mark

Angle	0 to 30°
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
Optic material	Glass

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Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Effective projected area	0.420 m²
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	14880 lm
Initial LED luminaire efficacy	64.8 lm/W
Init. Corr. colour temperature	2700 to 6500 K
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
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	871829139001500
Order product name	DCP774 2700-6500 CO 100-277V UL CE
EAN/UPC – product	8718291390015
Order code	39001500
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912400133460
Net weight (piece)	33.800 kg

IK 07

Dimensional drawing

Reach

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