

ReachElite eW Powercore

ReachElite High Punch Powercore, eW 300, 3000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC

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ReachElite is a premium exterior long-throw luminaire designed to light large-scale outdoor structures ranging from bridges and facades to monuments and skyscrapers. Powerful enough to hit targets up to 970 m (3,210 ft) away with the 300 W luminaire, ReachElite raises the bar for optic quality in LED lighting. What sets ReachElite apart from the competition is its efficiency, high punch and adaptability. ReachElite delivers high-quality white light exactly where you want it, making it incredibly efficient in terms of light distribution. With a native beam angle under 3°, ReachElite introduces a new level of precision and punch to the premium exterior LED luminaire market.

Product data

General information	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	Neutral white
Light source replaceable	No
Driver included	Yes
Optic type	NB [Narrow beam]
Optical cover/lens type	GT [Tempered glass]
CE mark	CE mark
UL mark	UL and cUL mark

Warranty period	5 years
Light technical	
Efficacy (lm/W) @ 2,700 K	55.2 lm/W
Operating and electrical	
Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz

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Mechanical and housing	
Housing material	Aluminium die–cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Colour	Black

Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge protection (common/differential)	Surge protection level until 4 kV
Vibration standard	Complies with ANSI C136.31, 3G
Vibration rating	Complies with ANSI C136.31, 3G

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	15954 lm
Initial LED luminaire efficacy	55.2 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	81
Initial input power	300 W

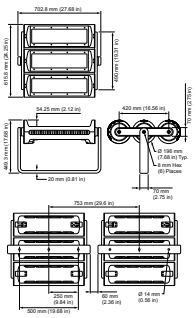
Over time performance (IEC compliant)	
Lumen Maintenance 50% at 25 °C Calculated	100000
Lumen Maintenance 50% at 25 °C Reported	72000
Lumen Maintenance 50% at 50 °C Calculated	100000
Lumen Maintenance 50% at 50 °C Reported	72000
Lumen Maintenance 70% at 25 °C Calculated	53800
Lumen Maintenance 70% at 25 °C Reported	53800
Lumen Maintenance 70% at 50 °C Calculated	53800
Lumen Maintenance 70% at 50 °C Reported	53800
Lumen Maintenance 80% at 25 °C Calculated	32700
Lumen Maintenance 80% at 25 °C Reported	28600
Lumen Maintenance 80% at 50 °C Calculated	32700
Lumen Maintenance 80% at 50 °C Reported	32700
Lumen Maintenance 90% at 25 °C Calculated	14200
Lumen Maintenance 90% at 25 °C Reported	14200
Lumen Maintenance 90% at 50 °C Calculated	14200
Lumen Maintenance 90% at 50 °C Reported	14200

Application conditions	
Ambient temperature range	-40 to +50 °C

Product data	
Full product code	871869921985700
Order product name	DCP773 108xLED-HB/3000K
EAN/UPC – product	8718699219857
Order code	523-000303-01
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912400135524
Net Weight (Piece)	41.000 kg
Commercial Code	523-000303-01
Catalogue number description	ReachElite High Punch Powercore, eW 300, 3000 K, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC

IP66 IK09

Dimensional drawing



DCP773 108xLED-HB/3000K

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www.lighting.philips.com
2022, September 15 - data subject to change