PHILIPS Lighting



ReachElite eW Powercore

ReachElite High Punch Powercore, eW 200, 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	

ReachElite eW Powercore

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]

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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)	10636 lm
Initial LED luminaire efficacy	55.2 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	81
Initial input power	200 W

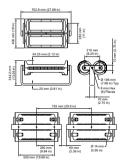
Over time performance (IEC compliant))
Lumen Maintenance 50% at 25 °C Calculated	100000
Lumen Maintenance 50% at 25 °C Reported	72000
Lumen Maintenance 50% at 50 °C Calculated	100000
Lumen Maintenance 50% at 50 °C Reported	72000
Lumen Maintenance 70% at 25 °C Calculated	53800
Lumen Maintenance 70% at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

Lumen Maintenance 70% at 50 °C 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	071000001001000
Full product code	871869921981900
Order product name	DCP773 72xLED-HB/3000K
Order product name	DCP773 72xLED-HB/3000K
Order product name EAN/UPC - product	DCP773 72xLED-HB/3000K 8718699219819
Order product name EAN/UPC – product Order code	DCP773 72xLED-HB/3000K 8718699219819 523-000203-01
Order product name EAN/UPC – product Order code SAP numerator – quantity per pack	DCP773 72xLED-HB/3000K 8718699219819 523-000203-01 1
Order product name EAN/UPC – product Order code SAP numerator – quantity per pack Numerator – packs per outer box	DCP773 72xLED-HB/3000K 8718699219819 523-000203-01 1 1
Order product name EAN/UPC – product Order code SAP numerator – quantity per pack Numerator – packs per outer box SAP material	DCP773 72xLED-HB/3000K 8718699219819 523-000203-01 1 1 912400135517
Order product name EAN/UPC - product Order code SAP numerator - quantity per pack Numerator - packs per outer box SAP material Net Weight (Piece)	DCP773 72xLED-HB/3000K 8718699219819 523-000203-01 1 1 912400135517 28.000 kg
Order product name EAN/UPC - product Order code SAP numerator - quantity per pack Numerator - packs per outer box SAP material Net Weight (Piece) Commercial Code	DCP773 72xLED-HB/3000K 8718699219819 523-000203-01 1 1 1 912400135517 28.000 kg 523-000203-01

Lumen Maintenance 70% at 50 °C Calculated 53800

IP 66 K 09

Dimensional drawing



DCP773 72xLED-HB/3000K

Datasheet, 2022, September 15

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