



# ReachElite High Punch Powercore, eW

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

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ReachElite High Punch 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 564 m (1,852 ft) away with the 300 W luminaire, ReachElite High Punch raises the bar for optical control, performance and beam quality in LED lighting. What sets ReachElite apart from the competition is its application efficiency, high punch, and adaptability. ReachElite delivers high-quality white light exactly where you want it. 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		Warranty period	
Lamp family code	LED-HB [ LED High Brightness]	5 years	
Light source color	Neutral white	Operating and electrical	
Light source replaceable	No	Input Voltage	100 to 277 V
Driver included	Yes	Input Frequency	50 to 60 Hz
Optic type	Narrow beam	Controls and dimming	
Optical cover/lens type	Tempered glass	Dimmable	Yes
CE mark	CE mark		
UL mark	UL and cUL mark		

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Mechanical and housing	
Housing Material	Aluminum die cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Effective projected area	0.182 m²
Color	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
Corrosion Resistance	Complies with ASTM B117 standard for > 1,500 hours
FCC mark	FCC Class A
Vibration Rating	Complies with ANSI C136.31, 3G

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	5318 lm
Initial LED luminaire efficacy	55.2 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	81
Initial input power	100 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

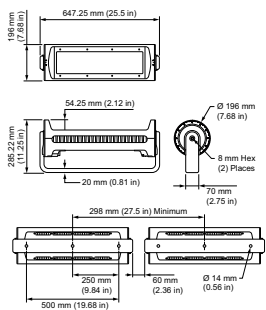
Lumen Maintenance 70% at 25°C Calculated	53800
Lumen Maintenance 70% at 25°C Reported	53800
Lumen Maintenance 70% at 50°C Calculated	53800
Lumen Maintenance 70% at 50°C Reported	53800
Lumen Maintenance 80% at 25°C Calculated	32700
Lumen Maintenance 80% at 25°C Reported	28600
Lumen Maintenance 80% at 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	871869921967300
Order product name	DCP773 36xLED-HB/3000K
EAN/UPC - Product	8718699219673
Order code	523-000103-01
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912400135510
Net Weight (Piece)	14.500 kg
Catalog Number	523-000103-01
Catalog Number Description	ReachElite High Punch Powercore, eW 100, 3000 K, 100 to 277 VAC, 2.6", Native (no spread lens), UL/cUL, CE, CQC



Dimensional drawing



DCP773 36xLED-HB/3000K

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