PHILIPS

Lighting



ReachElite High Punch Powercore, RGBW

ReachElite High Punch Powercore, RGBW 300, RGBW, 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 over 418 m (1,373 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 and color 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	
Lamp family code	LED-HB [LED High Brightness]
Light source color	Red, green, blue and white
Light source replaceable	No
Driver included	Yes
Optic type	Narrow beam
Optical cover/lens type	Tempered glass
CE mark	CE mark
UL mark	UL and cUL mark

Warranty period	5 years

Operating and electrical	
Input Voltage	100 to 277 V
Input Frequency	50 to 60 Hz

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
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)	10539 lm
Initial LED luminaire efficacy	35.6 lm/W
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	51000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	51000
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	51000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	51000
Lumen Maintenance 80% at 25°C Calculated	67000
Lumen Maintenance 80% at 25°C Reported	51000
Lumen Maintenance 80% at 50°C Calculated	67000
Lumen Maintenance 80% at 50°C Reported	51000
Lumen Maintenance 90% at 25°C Calculated	23100
Lumen Maintenance 90% at 25°C Reported	23100
Lumen Maintenance 90% at 50°C Calculated	23100
Lumen Maintenance 90% at 50°C Reported	23100

Application conditions

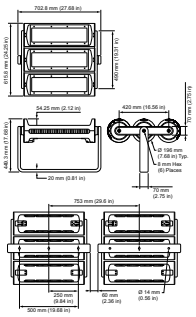
Ambient temperature range	-40 to +50 °C

Product data

Full product code	871869921975800
Order product name	DCP776 108xLED-HB/RGBW
EAN/UPC - Product	8718699219758
Order code	423-000303-00
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912400135527
Net Weight (Piece)	41.000 kg
Catalog Number	423-000303-00
Catalog Number Description	ReachElite High Punch Powercore, RGBW 300, RGBW, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC

IP66 IK09

Dimensional drawing



DCP776 108xLED-HB/RGBW

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