



ReachElite iColor Powercore

ReachElite High Punch Powercore, RGBA 300, RGBA, 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 over 732 m (2,400 ft) away with the 300 RGBW 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 colour 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		Warranty period	
Lamp family code	LED-HB [LED High Brightness]	5 years	
Light source colour	RGBA	Operating and electrical	
Light source replaceable	No	Input Voltage	100 to 277 V
Driver included	Yes	Input frequency	50 to 60 Hz
Optic type	NB [Narrow beam]	Mechanical and housing	
Optical cover/lens type	GT [Tempered glass]	Housing material	Aluminium die-cast
CE mark	CE mark	Optic material	Glass
UL mark	UL and cUL mark		

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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)	8853 lm
Initial LED luminaire efficacy	29.2 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	49600
Lumen Maintenance 70% at 25 °C Reported	49600
Lumen Maintenance 70% at 50 °C Calculated	49600
Lumen Maintenance 70% at 50 °C Reported	49600
Lumen Maintenance 80% at 25 °C Calculated	28600

Lumen Maintenance 80% at 25 °C Reported	28600
Lumen Maintenance 80% at 50 °C Calculated	28600
Lumen Maintenance 80% at 50 °C Reported	28600
Lumen Maintenance 90% at 25 °C Calculated	10200
Lumen Maintenance 90% at 25 °C Reported	10200
Lumen Maintenance 90% at 50 °C Calculated	10200
Lumen Maintenance 90% at 50 °C Reported	10200

Application conditions

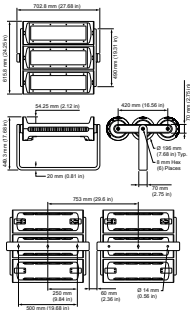
Ambient temperature range	-40 to +50 °C
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Product data

Full product code	871869921976500
Order product name	DCP776 108xLED-HB/RGBA
EAN/UPC – product	8718699219765
Order code	423-000303-01
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912400135528
Net Weight (Piece)	41.000 kg
Commercial Code	423-000303-01
Catalogue number description	ReachElite High Punch Powercore, RGBA 300, RGBA, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC



Dimensional drawing



DCP776 108xLED-HB/RGBA

