



# ReachElite High Punch Powercore, RGBW

ReachElite High Punch Powercore, RGBW 100, 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	
Power Factor (Nom)	0.97	

Datasheet, 2022, September 15 data subject to change

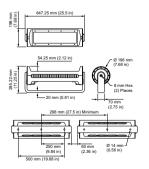
## ReachElite High Punch Powercore, RGBW

Controls and dimming	
Controls and dimming  Dimmable	Vac
Diffinable	Yes
Mechanical and housing	
Housing Material	Aluminum die cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens material  Optical cover/lens shape	Flat
<u> </u>	
Optical cover/lens finish	Clear
Effective projected area	0.182 m²
Color	Black
Annual and and t	
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)	3513 lm
Initial LED luminaire efficacy	35.6 lm/W
Initial LED luminaire efficacy at RGB	35.6 lm/W
operation	
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	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	49600
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
Ambient temperature range	-40 to +50 C
Ambient temperature range	-40 to +50 C
Product data	-40 to +50 C
	871869921964200
Product data	
Product data Full product code	871869921964200
Product data Full product code Order product name	871869921964200 DCP776 36xLED-HB/RGBW
Product data Full product code Order product name EAN/UPC - Product	871869921964200 DCP776 36xLED-HB/RGBW 8718699219642
Product data  Full product code  Order product name  EAN/UPC - Product  Order code	871869921964200 DCP776 36xLED-HB/RGBW 8718699219642 423-000103-00
Product data  Full product code  Order product name  EAN/UPC - Product  Order code  Numerator - Quantity Per Pack	871869921964200 DCP776 36xLED-HB/RGBW 8718699219642 423-000103-00
Product data  Full product code  Order product name  EAN/UPC - Product  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box	871869921964200 DCP776 36xLED-HB/RGBW 8718699219642 423-000103-00 1
Product data  Full product code  Order product name  EAN/UPC - Product  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box  Material Nr. (12NC)	871869921964200 DCP776 36xLED-HB/RGBW 8718699219642 423-000103-00 1 1 912400135513
Product data  Full product code  Order product name  EAN/UPC - Product  Order code  Numerator - Quantity Per Pack  Numerator - Packs per outer box  Material Nr. (12NC)  Net Weight (Piece)	871869921964200 DCP776 36xLED-HB/RGBW 8718699219642 423-000103-00 1 1 912400135513 14.500 kg 423-000103-00
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#### Dimensional drawing



#### DCP776 36xLED-HB/RGBW

### ReachElite High Punch Powercore, RGBW



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