**PHILIPS** Lighting



# ReachElite High Punch Powercore, RGBA

## ReachElite High Punch Powercore, RGBA 200, RGBA, 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 381 m (1,250 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 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	RGBA
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

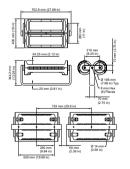
Warranty period	5 years	
Operating and electrical		
Input Voltage	100 to 277 V	
Input Frequency	50 to 60 Hz	
Mechanical and housing		
Housing Material	Aluminum die cast	
Optic material	Glass	

## ReachElite High Punch Powercore, RGBA

Optical cover/lens material	Tempered glass	Lumen M
Optical cover/lens shape	Flat	Lumen M
Optical cover/lens finish	Clear	Lumen M
Color	Black	Lumen M
		Lumen N
Approval and application		Lumen M
Ingress protection code	IP66 [ Dust penetration-protected, jet-	Lumen N
	proof]	Lumen N
Mech. impact protection code	IK09 [ 10 J]	Lumen M
Surge Protection (Common/Differential)	Surge protection level until 4 kV	
Vibration Standard	Complies with ANSI C136.31, 3G	Applica
Corrosion Resistance	Complies with ASTM B117 standard for >	Ambient
	1,500 hours	
FCC mark	FCC Class A	Produc
Vibration Rating	Complies with ANSI C136.31, 3G	Full proc
		Order pr
Initial performance (IEC compliant)		EAN/UP
Initial luminous flux (system flux)	5902 lm	Order co
Initial LED luminaire efficacy	29.2 lm/W	Numerat
Initial input power	200 W	Numerat
		Material
Over time performance (IEC compliant)		Net Weig
Lumen Maintenance 50% at 25°C Calculated	100000	Catalog
Lumen Maintenance 50% at 25°C Reported	51000	Catalog
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	IP 66 K 09

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
Product data	
Full product code	871869921973400
Order product name	DCP776 72xLED-HB/RGBA
EAN/UPC - Product	8718699219734
Order code	423-000203-01
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912400135521
Net Weight (Piece)	28.000 kg
Catalog Number	423-000203-01
Catalog Number Description	ReachElite High Punch Powercore, RGBA
	200, RGBA, 100 to 277 VAC, 2.6°, Native
	(no spread lens), UL/cUL, CE, CQC

#### Dimensional drawing



DCP776 72xLED-HB/RGBA

Datasheet, 2022, September 15

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