PHILIPS Lighting



ReachElite High Punch Powercore, RGBA

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 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	

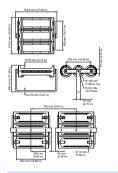
Mouve why we wie d	E vere			
Warranty period	5 years			
Operating and electrical				
Input Voltage	100 to 277 V			
Input Frequency	50 to 60 Hz			
Mechanical and housing				
Housing Material	Aluminum die cast			
Optic material	Glass			

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Optical cover/lens material	Tempered glass	Lumen Maintenance 70% at 50°C Reported	49600
Optical cover/lens shape	Flat	Lumen Maintenance 80% at 25°C Calculated	1 28600
Optical cover/lens finish	Clear	Lumen Maintenance 80% at 25°C Reported	28600
Color	Black	Lumen Maintenance 80% at 50°C Calculate	d 28600
		Lumen Maintenance 80% at 50°C Reported	28600
Approval and application		Lumen Maintenance 90% at 25°C Calculated	1 0200
Ingress protection code	IP66 [Dust penetration-protected, jet-	Lumen Maintenance 90% at 25°C Reported	10200
	proof]	Lumen Maintenance 90% at 50°C Calculate	d 10200
Mech. impact protection code	IK09 [10 J]	Lumen Maintenance 90% at 50°C Reported	10200
Surge Protection (Common/Differential) Surge protection level until 4 kV		
Vibration Standard	Complies with ANSI C136.31, 3G	Application conditions	
Corrosion Resistance	Complies with ASTM B117 standard for >	Ambient temperature range	-40 to +
	1,500 hours		
FCC mark	FCC Class A	Product data	
Vibration Rating	Complies with ANSI C136.31, 3G	Full product code	8718699
		Order product name	DCP776
Initial performance (IEC compliant	t)	EAN/UPC - Product	8718699
Initial luminous flux (system flux)	8853 lm	Order code	423-000
Initial LED luminaire efficacy	29.2 lm/W	Numerator - Quantity Per Pack	1
Initial input power	300 W	Numerator - Packs per outer box	1
		Material Nr. (12NC)	9124001
Over time performance (IEC compliant)		Net Weight (Piece)	41.000 k
Lumen Maintenance 50% at 25°C Calculated 100000		Catalog Number	423-000
Lumen Maintenance 50% at 25°C Reported 51000		Catalog Number Description	ReachEl
Lumen Maintenance 50% at 50°C Calcu	lated 100000		300, RG
Lumen Maintenance 50% at 50°C Repor	rted 51000		(no spre
Lumen Maintenance 70% at 25°C Calcul	ated 49600		
Lumen Maintenance 70% at 25°C Repor	ted 49600		
Lumen Maintenance 70% at 50°C Calcu	lated 49600	IP 66 IK 09	

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	I 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	871869921976500
Order product name	DCP776 108xLED-HB/RGBA
EAN/UPC - Product	8718699219765
Order code	423-000303-01
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912400135528
Net Weight (Piece)	41.000 kg
Catalog Number	423-000303-01
Catalog 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

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