PHILIPS Lighting



ReachElite iColor Powercore

ReachElite High Punch Powercore, RGBA 100, 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	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	RGBA
Light source replaceable	No
Driver included	Yes
Optic type	NB [Narrow beam]
Optical cover/lens type	GT [Tempered glass]
CE mark	CE mark
UL mark	UL and cUL mark

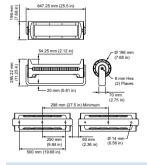
Warranty period	5 years	
Operating and electrical		
Input Voltage	100 to 277 V	
Input frequency	50 to 60 Hz	
Controls and dimming		
Dimmable	Yes	

ReachElite iColor Powercore

Mechanical and housing		Lumen Maintenance
Housing material	Aluminum die-cast	Lumen Maintenance
Optic material	Glass	Lumen Maintenance
Optical cover/lens material	Tempered glass	Lumen Maintenance
Optical cover/lens shape	Flat	Lumen Maintenance
Optical cover/lens finish	Clear	Lumen Maintenance
Effective projected area	0.182 m²	Lumen Maintenance
Colour	Black	Lumen Maintenance
		Lumen Maintenance
Approval and application		· · · · · · · · · · · · · · · · · · ·
Ingress protection code	IP66 [Dust penetration-protected, jet-	Application condit
	proof]	Ambient temperature
Mech. impact protection code	IK09 [10 J]	
Surge protection (common/differential)	Surge protection level until 4 kV	Product data
Vibration standard	Complies with ANSI C136.31, 3G	Full product code
Vibration rating	Complies with ANSI C136.31, 3G	Order product name
		EAN/UPC – product
Initial performance (IEC compliant)		Order code
Initial luminous flux (system flux)	2951 lm	SAP numerator - qua
Initial LED luminaire efficacy	29.2 lm/W	Numerator – packs p
Initial input power	100 W	SAP material
		Net Weight (Piece)
Over time performance (IEC compliant))	Commercial Code
Lumen Maintenance 50% at 25 °C Calculated	100000	Catalogue number de
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	IP 66 IK 09
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
Product data	
Full product code	871869921965900
Order product name	DCP776 36xLED-HB/RGBA
EAN/UPC – product	8718699219659
Order code	423-000103-01
SAP numerator - quantity per pack	1
Numerator – packs per outer box	1
SAP material	912400135514
Net Weight (Piece)	14.500 kg
Commercial Code	423-000103-01
Catalogue number description	ReachElite High Punch Powercore, RGBA
	100, RGBA, 100 to 277 VAC, 2.6°, Native
	(no spread lens), UL/cUL, CE, CQC

Dimensional drawing



DCP776 36xLED-HB/RGBA

ReachElite iColor Powercore



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