PHILIPS Lighting



ReachElite IntelliHue Powercore

ReachElite High Punch Powercore, IntelliHue 200, 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 777 m (2,550 ft) away with the 300 W 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 white and 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

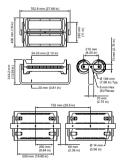
General information	
Lamp family code	LED-HB [LED High Brightness]
Light source colour	IntelliHue
Light source replaceable	No
Driver included	Yes
Optic type	NB [Narrow beam]
Optical cover/lens type	GT [Tempered glass]
CE mark	CE mark
UL mark	UL and cUL mark

Warranty period	5 years	
Light technical		
CRI @ 4,000 K	85	
CRI R9 @ 4,000 K	84.9	
Operating and electrical		
Input Voltage	100 to 277 V	

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Input frequency	50 to 60 Hz	Lumen Maintenance 70% at 50 °C Calculated	100000
		Lumen Maintenance 70% at 50 °C Reported	51000
Mechanical and housing		Lumen Maintenance 80% at 25 °C Calculated	67000
Housing material	Aluminum die-cast	Lumen Maintenance 80% at 25 °C Reported	51000
Optic material	Glass	Lumen Maintenance 80% at 50 °C Calculated	67000
Optical cover/lens material	Tempered glass	Lumen Maintenance 80% at 50 °C Reported	51000
Optical cover/lens shape	Flat	Lumen Maintenance 90% at 25 °C Calculated	23100
Optical cover/lens finish	Clear	Lumen Maintenance 90% at 25 °C Reported	23100
Colour	Black	Lumen Maintenance 90% at 50 °C Calculated	23100
		Lumen Maintenance 90% at 50 °C Reported	23100
Approval and application			
Ingress protection code	IP66 [Dust penetration-protected, jet-	Application conditions	
	proof]	Ambient temperature range	-40 to +50 °C
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	871869921974100
Vibration rating	Complies with ANSI C136.31, 3G	Order product name	DCP776 72xLED-HB/RGBMW
		EAN/UPC – product	8718699219741
Initial performance (IEC compliant)		Order code	423-000203-02
Initial luminous flux (system flux)	8298 lm	SAP numerator – quantity per pack	1
Initial LED luminaire efficacy	41.4 lm/W	Numerator – packs per outer box	1
Initial input power	200 W	SAP material	912400135522
		Net Weight (Piece)	28.000 kg
Over time performance (IEC compliant	:)	Commercial Code	423-000203-02
Lumen Maintenance 50% at 25 °C Calculated	100000	Catalogue number description	ReachElite High Punch Powercore,
Lumen Maintenance 50% at 25 °C Reported	51000		IntelliHue 200, 100 to 277 VAC, 2.6°,
Lumen Maintenance 50% at 50 °C Calculated	1 100000		Native (no spread lens), UL/cUL, CE, CQC
Lumen Maintenance 50% at 50 °C Reported	51000		
Lumen Maintenance 70% at 25 °C Calculated	1 100000		
Lumen Maintenance 70% at 25 °C Reported	51000	IP 66 K 09	

Dimensional drawing



DCP776 72xLED-HB/RGBMW

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