



# ReachElite IntelliHue Powercore

**ReachElite High Punch Powercore, IntelliHue 100, 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		Warranty period	
Lamp family code	LED-HB [ LED High Brightness]	5 years	
Light source colour	IntelliHue	Light technical	
Light source replaceable	No	Efficacy (lm/W) @ 4,000 K	46.9 lm/W
Driver included	Yes	Efficacy (lm/W) @ 2,700 K	49.5 lm/W
Optic type	NB [ Narrow beam]	CRI @ 4,000 K	85
Optical cover/lens type	GT [ Tempered glass]	CRI R9 @ 4,000 K	84.9
CE mark	CE mark	CRI @ 2,700	90
UL mark	UL and cUL mark		

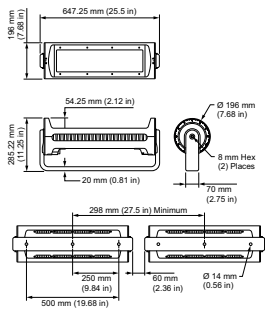
ReachElite IntelliHue Powercore

Operating and electrical	
Input Voltage	100 to 277 V
Input frequency	50 to 60 Hz
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing material	Aluminum die-cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Effective projected area	0.182 m²
Colour	Black
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
Vibration rating	Complies with ANSI C136.31, 3G
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	4149 lm
Initial luminous flux at colour temperature of 2,700 K	3333 lm
Initial luminous flux at colour temperature of 4,000 K	4050 lm
Initial LED luminaire efficacy	41.4 lm/W
Init. Colour rendering index	72
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	51000
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
Product data	
Full product code	871869921966600
Order product name	DCP776 36xLED-HB/RGBMW
EAN/UPC – product	8718699219666
Order code	423-000103-02
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912400135515
Net Weight (Piece)	14.500 kg
Commercial Code	423-000103-02
Catalogue number description	ReachElite High Punch Powercore, IntelliHue 100, 100 to 277 VAC, 2.6", Native (no spread lens), UL/cUL, CE, CQC



Dimensional drawing



DCP776 36xLED-HB/RGBMW

