



ReachElite IntelliHue Powercore

ReachElite High Punch Powercore, IntelliHue 300, 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 | CRI @ 4,000 K | 85 |
| Driver included | Yes | CRI R9 @ 4,000 K | 84.9 |
| Optic type | NB [Narrow beam] | Operating and electrical | |
| Optical cover/lens type | GT [Tempered glass] | Input Voltage | 100 to 277 V |
| CE mark | CE mark | | |
| UL mark | UL and cUL mark | | |

ReachElite IntelliHue Powercore

| | |
|-----------------------------|--------------------|
| Input frequency | 50 to 60 Hz |
| Mechanical and housing | |
| Housing material | Aluminium die-cast |
| Optic material | Glass |
| Optical cover/lens material | Tempered glass |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| 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) | 12447 lm |
| Initial LED luminaire efficacy | 41.4 lm/W |
| Initial input power | 300 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

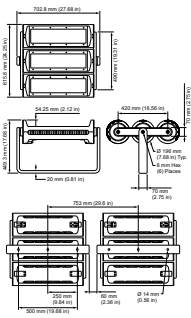
| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Product data

| | |
|-----------------------------------|---|
| Full product code | 871869921977200 |
| Order product name | DCP776 108xLED-HB/RGBMW |
| EAN/UPC – product | 8718699219772 |
| Order code | 423-000303-02 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 912400135529 |
| Net Weight (Piece) | 41.000 kg |
| Commercial Code | 423-000303-02 |
| Catalogue number description | ReachElite High Punch Powercore, IntelliHue 300, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC |



Dimensional drawing



DCP776 108xLED-HB/RGBMW

