



ReachElite High Punch Powercore, RGBW

ReachElite High Punch Powercore, RGBW 100, RGBW, 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 over 418 m (1,373 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 white and 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 | | Warranty period | |
|--------------------------|-------------------------------|--------------------------|--------------|
| Lamp family code | LED-HB [LED High Brightness] | 5 years | |
| Light source color | Red, green, blue and white | Operating and electrical | |
| Light source replaceable | No | Input Voltage | 100 to 277 V |
| Driver included | Yes | Input Frequency | 50 to 60 Hz |
| Optic type | Narrow beam | Power Factor (Nom) | 0.97 |
| Optical cover/lens type | Tempered glass | | |
| CE mark | CE mark | | |
| UL mark | UL and cUL mark | | |

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| Controls and dimming | |
| Dimmable | Yes |

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|-----------------------------|-------------------|
| 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 |
| Color | Black |

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| 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 |
| Corrosion Resistance | Complies with ASTM B117 standard for > 1,500 hours |
| FCC mark | FCC Class A |
| Vibration Rating | Complies with ANSI C136.31, 3G |

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| Initial performance (IEC compliant) | |
| Initial luminous flux (system flux) | 3513 lm |
| Initial LED luminaire efficacy | 35.6 lm/W |
| Initial LED luminaire efficacy at RGB operation | 35.6 lm/W |
| Initial input power | 100 W |

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| 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 |

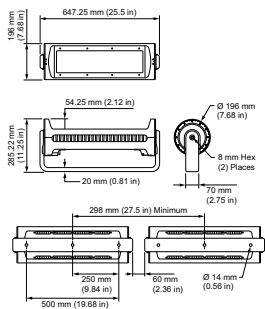
| | |
|--|--------|
| Lumen Maintenance 50% at 50°C Reported | 51000 |
| Lumen Maintenance 70% at 25°C Calculated | 100000 |
| Lumen Maintenance 70% at 25°C Reported | 51000 |
| Lumen Maintenance 70% at 50°C Calculated | 100000 |
| Lumen Maintenance 70% at 50°C Reported | 49600 |
| Lumen Maintenance 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 |

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

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| Product data | |
| Full product code | 871869921964200 |
| Order product name | DCP776 36xLED-HB/RGBW |
| EAN/UPC - Product | 8718699219642 |
| Order code | 423-000103-00 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 912400135513 |
| Net Weight (Piece) | 14.500 kg |
| Catalog Number | 423-000103-00 |
| Catalog Number Description | ReachElite High Punch Powercore, RGBW 100, RGBW, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC |



Dimensional drawing



DCP776 36xLED-HB/RGBW

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