



# ReachElite eW Powercore

**ReachElite High Punch Powercore, eW 200, 3500 K, 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 up to 970 m (3,210 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 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      | Neutral 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               | NB [ Narrow beam]             | Mechanical and housing   |                   |
| Optical cover/lens type  | GT [ Tempered glass]          | Housing material         | Aluminum die-cast |
| CE mark                  | CE mark                       | Optic material           | Glass             |
| UL mark                  | UL and cUL mark               |                          |                   |

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|                             |                |
|-----------------------------|----------------|
| 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)

|                                |        |
|--------------------------------|--------|
| Init. Corr. Colour Temperature | 3500 K |
| Initial input power            | 200 W  |

## Over time performance (IEC compliant)

|   |        |
|---|--------|
| Lumen Maintenance 50% at 25 °C Calculated | 100000 |
| Lumen Maintenance 50% at 25 °C Reported   | 72000  |
| Lumen Maintenance 50% at 50 °C Calculated | 100000 |
| Lumen Maintenance 50% at 50 °C Reported   | 72000  |
| Lumen Maintenance 70% at 25 °C Calculated | 53800  |
| Lumen Maintenance 70% at 25 °C Reported   | 53800  |
| Lumen Maintenance 70% at 50 °C Calculated | 53800  |
| Lumen Maintenance 70% at 50 °C Reported   | 53800  |
| Lumen Maintenance 80% at 25 °C Calculated | 32700  |

|   |       |
|---|-------|
| Lumen Maintenance 80% at 25 °C Reported   | 28600 |
| Lumen Maintenance 80% at 50 °C Calculated | 32700 |
| Lumen Maintenance 80% at 50 °C Reported   | 32700 |
| Lumen Maintenance 90% at 25 °C Calculated | 14200 |
| Lumen Maintenance 90% at 25 °C Reported   | 14200 |
| Lumen Maintenance 90% at 50 °C Calculated | 14200 |
| Lumen Maintenance 90% at 50 °C Reported   | 14200 |

## Application conditions

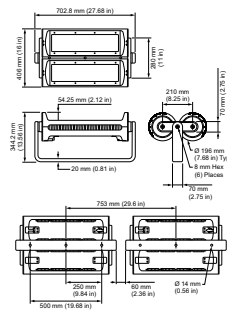
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

## Product data

|                                   |   |
|-----------------------------------|---|
| Full product code                 | 871869921982600   |
| Order product name                | DCP773 72xLED-HB/3500K  |
| EAN/UPC – product                 | 8718699219826   |
| Order code                        | 523-000203-02   |
| SAP numerator – quantity per pack | 1   |
| Numerator – packs per outer box   | 1   |
| SAP material                      | 912400135518  |
| Net Weight (Piece)                | 28.000 kg   |
| Commercial Code                   | 523-000203-02   |
| Catalogue number description      | ReachElite High Punch Powercore, eW<br>200, 3500 K, 100 to 277 VAC, 2.6", Native<br>(no spread lens), UL/cUL, CE, CQC |



## Dimensional drawing



DCP773 72xLED-HB/3500K

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