

QUEST LED EVO XS ENDURA HB NT 5100LM I CL. IP67 740 RW10 35W

DETAILED CARD



Zdjęcie poglądowe nie uwzględniające zawartych w zestawie uchwytów do montażu natynkowego.
Overview photo not including the included surface-mount brackets.



TECHNICAL PARAMETERS

| | |
|---|--------|
| Index: | 840166 |
| Ingress protection: | IP67 |
| Impact resistance: | IK10 |
| Rated power of the luminaire [W]*: | 35 |
| Luminous flux [lm]*: | 5100 |
| Colour temperature [K]: | 4000 |
| Color rendering index (Ra) >: | 70 |
| SDCM: | 3 |
| Electrical protection class: | I |
| Energy efficiency class: | C |

CHARACTERISTICS

The Endura version of Quest LED Evo XS luminaires, their high-bay versions: surface-mounted Quest LED Evo XS HB NT and suspended Quest LED Evo XS HB Z are compact yet extremely efficient premium floodlights, manufactured in Poland, adapted to operate at high temperatures (up to 50 degrees C). The body is made of die-cast aluminium in corrosion class C5, powder coated, without an external heat sink and fins that make it difficult to keep clean. The basic version has a steel arm with a 7.5-degree scale, while the highbay endura (HB NT) version is available in a surface-mounted form. The diffuser is made of tempered glass, under which there are LEDs with the highest efficiency. Different types of optics, especially asymmetrical ones, provide great freedom in choosing the right solution for a specific application. Thanks to the highest tightness rating on the market (IP67) and maximum impact resistance (IK10), it will perform well in all conditions, regardless of the weather and installation location. The new version of the renowned and proven QUEST model in its smallest version offers even better lighting parameters, achieving an efficiency of over 170 lm/W. The Endura variant also meets the requirements of PN-EN 60598-2 part 5, which allows them to be classified as illumination projectors. This means complete freedom of installation in any position, with 360° rotation and resistance to strong winds – an advantage not offered by other floodlights. An additional advantage for contractors is the sealed quick connector – an innovative solution that eliminates traditional, time-consuming connection methods (screws). Thanks to an intuitive system of coloured latches, connector installation is simple, quick and tool-free. The accessory kit includes: pole mounting brackets (basic version); frame for flush mounting, e.g. in shelters (basic version); light pollution reduction screens (basic version); protective grids in two colours with different degrees of light reduction (white RAL7016: 4%, body colour RAL7016: 8%).

APPLICATION

Quest LED Evo XS Endura and Quest LED Evo XS Endura HB NT are used in: lighting educational, administrative and institutional facilities, halls, garages, passageways, warehouses, shops, the food industry and commercial and service facilities related to food products. Illumination of buildings, small sports fields, open spaces and car parks, environments with elevated ambient temperatures (up to 50 degrees C). Installation options: as a floodlight, on poles and masts, on building facades, as a surface-mounted highbay (HB NT version), suspended highbay (HB Z version), flush-mounted (e.g. shelters). The product is particularly well suited for use in factories and production halls as well as large-area warehouses, especially in areas exposed to high temperatures.

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TECHNICAL PARAMETERS TABLE

| | | | |
|-----------------------------------|--------------------------|--|------------------------------|
| Index: | 840166 | Ingress protection: | IP67 |
| EAN: | 5905963840166 | Mounting version: | surface |
| Light source: | LED | Working temperature [°C]: | from -20 to +50 |
| Rated power of the luminaire [W]: | 35 | The number of implement units: | 1 |
| Supply voltage [V]: | 220 - 240 | Number on the palette [pcs]: | 45 |
| Frequency [Hz]: | 50-60 | Net weight [kg]: | 2.900 |
| Luminous flux [lm]: | 5100 | Category type: | floodlights |
| Luminous efficacy [lm/W]: | 146 | AC voltage range [V]: | 100-305 |
| Energy efficiency class: | C | Version: | HB surface |
| Electrical protection class: | I | Light distribution type: | RW10 |
| Colour temperature [K]: | 4000 | LED lifespan L70B50 [h]: | 165 000 |
| Color rendering index (Ra) >: | 70 | LED lifespan L80B10 [h]: | 103 000 |
| SDCM: | 3 | LED lifespan L90B10 [h]: | 48 000 |
| Surge protection [kV]: | 6 | Corrosivity category: | C5-M |
| Diffuser material: | glass | Category of application: | industrial |
| Diffuser type: | transparent | Warranty [years]: | 5 |
| Material of the body: | aluminium | CE certificate: | 02/2025 |
| Colour of the body: | RAL7016 | Environmental Product Declaration (EPD): | 816/2025 |
| Dimensions (H/W/T/S) [mm]: | 280/240/55 (390/310/325) | Manual: | Download PDF |
| Mounting dimensions [mm]: | 265/45 | Pliik LDT: | Download |
| Impact resistance: | IK10 | | |

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TECHNICAL PICTURES



QUEST LED EVO XS ENDURA HB NT 5100LM I CL. IP67 740 RW10 35W

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ACCESSORIES AVAILABLE

| index | Name |
|---------|---|
| WSEL438 | Remote control for motion sensor HD01R |
| 840456 | QUEST LED EVO XS recessed frame RAL7016 |



Remote control for motion sensor HD01R (WSEL438)



QUEST LED EVO XS recessed frame RAL7016 (840456)

Card creation date: 16 July 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 02/2025