# QUEST LED EVO XS HB NT 7900LM DALI I CL. IP67 840 120D 50W

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:** | 793189 |
| **Ingress protection:** | IP67 |
| **Impact resistance:** | IK10 |
| **Rated power of the luminaire [W]*:** | 50 |
| **Luminous flux [lm]*:** | 7900 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | B |

## CHARACTERISTICS

Quest LED Evo XS, 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 class floodlights manufactured in Poland. Their body is made of die-cast aluminium, powder coated, without an external heat sink and fins that make cleaning difficult. The luminaire is designed for use in highly corrosive, marine C5-M environments. The diffuser is made of tempered glass, under which there are high-performance LEDs. Various types of optics, especially asymmetrical ones, provide great freedom in selecting the right solution for a specific application. Thanks to the highest tightness on the market (IP67) and maximum impact resistance (IK10), the floodlights will work in all conditions – regardless of the weather and installation location. The new version of the recognised and proven QUEST model offers even better lighting parameters, achieving an efficiency of over 170 lm/W. Quest LED Evo XS meets the requirements of PN-EN 60598-2 part 5, which allows it to be classified as an illumination projector, enabling complete freedom of installation in any position, with 360° rotation and resistance to strong winds. An additional advantage for contractors is the sealed quick connector – an innovative solution that eliminates traditional, time-consuming connection methods. Thanks to an intuitive system of coloured latches, connector installation is simple, quick and tool-free. The HB NT version is designed for surface mounting as a highbay using dedicated brackets. The HB Z version is designed for suspension. The accessory kit includes brackets for pole mounting, a frame for flush mounting (e.g. shelters), light pollution reduction screens and protective grids in two colours with different degrees of light reduction (white RAL7016: 4%, body colour RAL7016: 8%). The models are also available with a built-in motion and twilight sensor (RCR remote control) and in the ENDURA version, resistant to elevated ambient temperatures up to 50°C. In addition, a version designed for RGB+W illumination and for surface-mounted and suspended installation as a highbay is available.

## APPLICATION

Quest LED Evo XS floodlights and their surface-mounted versions, Quest LED Evo XS HB NT, are widely used in lighting educational, administrative and recreational facilities, halls, garages, passageways, warehouses, shops, as well as in the food industry and commercial and service facilities related to food products. They are the ideal solution for illuminating buildings, small sports fields, open spaces and car parks. They can be mounted as floodlights on poles and masts, on building facades, as well as surface-mounted highbays (HB NT version) and suspended highbays (HB Z version). Thanks to the flush-mounted option, they are perfect for shelters. Quest LED Evo XS is an excellent choice for factories, production halls and large warehouses.

# QUEST LED EVO XS HB NT 7900LM DALI I CL. IP67 840 120D 50W

DETAILED CARD

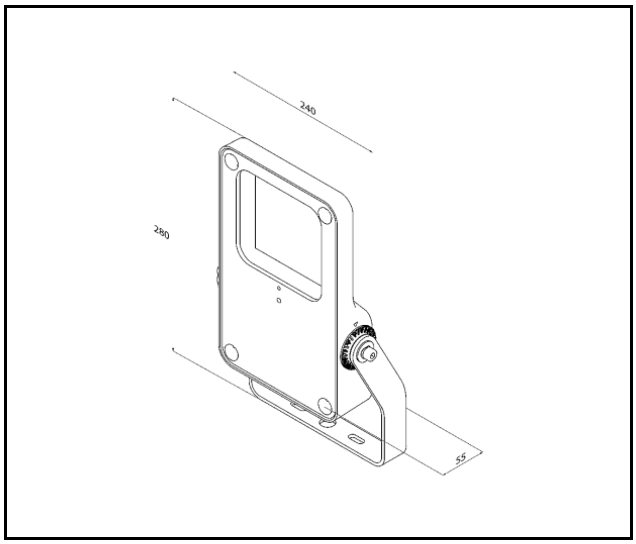
## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 793189 | **Ingress protection:** | IP67 |
| **EAN:** | 5905963793189 | **Mounting version:** | surface |
| **Light source:** | LED | **Working temperature [°C]:** | from -20 to +35 |
| **Rated power of the luminaire [W]:** | 50 | **DIMM DALI:** | yes |
| **Supply voltage [V]:** | 220-240 | **Number on the palette [pcs]:** | 45 |
| **Frequency [Hz]:** | 50/60 | **Net weight [kg]:** | 2.900 |
| **Luminous flux [lm]:** | 7900 | **Category type:** | floodlights |
| **Luminous efficacy [lm/W]:** | 158 | **LED lifespan L70B50 [h]:** | 165000 |
| **Energy efficiency class:** | B | **LED lifespan L80B10 [h]:** | 103000 |
| **Electrical protection class:** | I | **LED lifespan L90B10 [h]:** | 48000 |
| **Colour temperature [K]:** | 4000 | **Version:** | HB surface |
| **Color rendering index (Ra) >:** | 80 | **Light distribution type:** | symmetric |
| **SDCM:** | 3 | **Corrosivity category:** | C5-M |
| **Beam angle [°]:** | 120 | **Category of application:** | industrial |
| **Surge protection [kV]:** | 6 | **Warranty [years]:** | 5 |
| **Diffuser material:** | glass | **CE certificate:** | 02/2025 |
| **Diffuser type:** | transparent | **ENEC Certificate:** | |
| **Material of the body:** | aluminium | **HACCP:** | 852/2004 |
| **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 | **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Impact resistance:** | IK10 | **Plik LDT:** | Download |

# QUEST LED EVO XS HB NT 7900LM DALI I CL. IP67 840 120D 50W

DETAILED CARD

**TECHNICAL PICTURES**

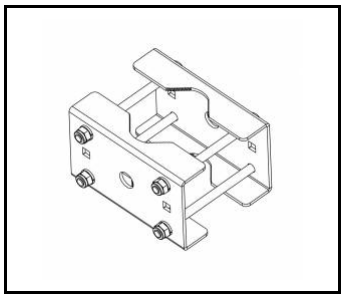


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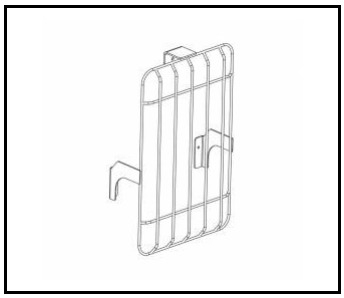
DETAILED CARD

## ACCESSORIES AVAILABLE

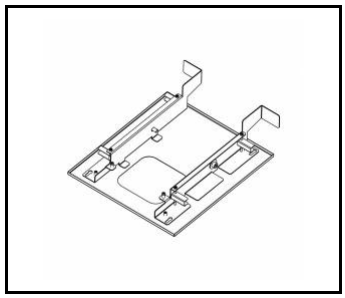
| index | Name |
|---|---|
| 840395 | QUEST LED EVO XS pole holder |
| 840425 | QUEST LED EVO XS protective grid RAL7016 |
| 840456 | QUEST LED EVO XS recessed frame RAL7016 |
| 840487 | QUEST LED EVO XS cover RAL7016 |
| 881732 | QUEST LED EVO XS protective grid RAL9003 |
| 840098 | QUEST LED EVO XS/S/M/L wall mount MAX RAL7016 1m |
| WSE0005 | RC MOS MR004 IoT programming remote control |
| 833595 | QUEST LED EVO XS holder HBZ RAL7016 |



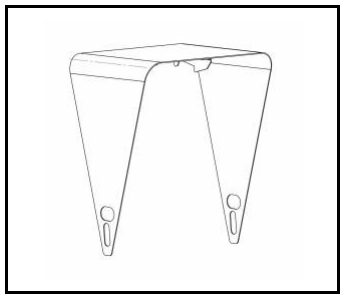
QUEST LED EVO XS pole holder (840395)



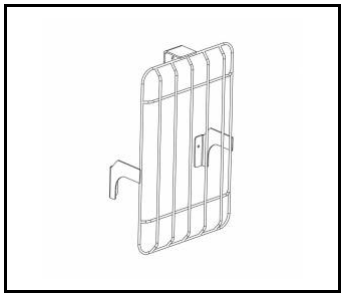
QUEST LED EVO XS protective grid RAL7016 (840425)



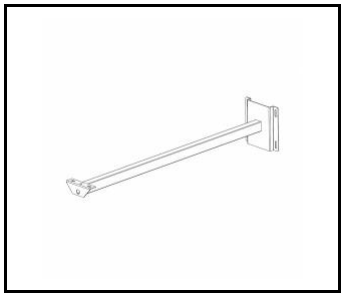
QUEST LED EVO XS recessed frame RAL7016 (840456)



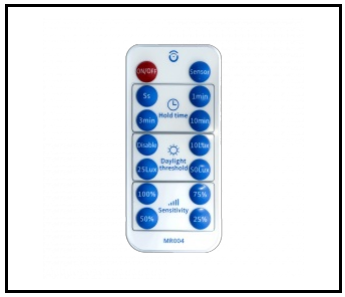
QUEST LED EVO XS cover RAL7016 (840487)



QUEST LED EVO XS protective grid RAL9003 (881732)



QUEST LED EVO XS/S/M/L wall mount MAX RAL7016 1m (840098)



RC MOS MR004 IoT programming remote control (WSE0005)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 02/2025

LENA LIGHTING

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