# QUEST LED EVO XS ENDURA 5900LM I CL. IP67 740 RM20 41W

DETAILED CARD




## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 865879 |
| **Ingress protection:** | IP67 |
| **Impact resistance:** | IK10 |
| **Rated power of the luminaire [W]*:** | 41 |
| **Luminous flux [lm]*:** | 5900 |
| **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 work 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 the PN-EN 60598-2 part 5 standard, 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

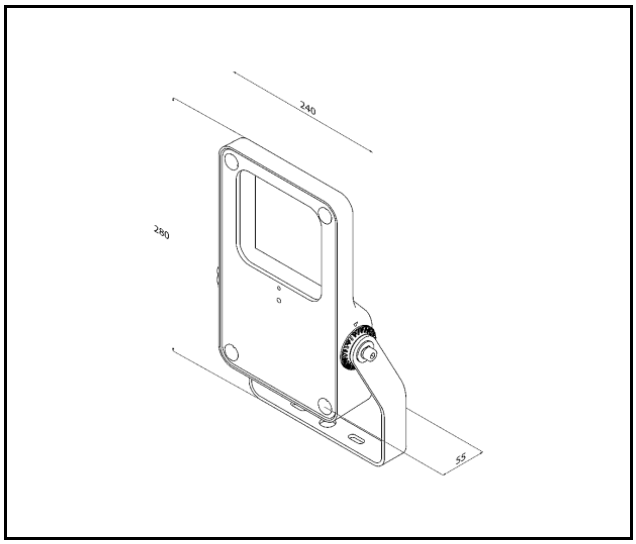
| | |
|---|---|
| **Index:** | 865879 |
| **EAN:** | 5905963865879 |
| **Light source:** | LED |
| **Rated power of the luminaire [W]:** | 41 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 5900 |
| **Luminous efficacy [lm/W]:** | 144 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 70 |
| **SDCM:** | 3 |
| **Surge protection [kV]:** | 6 |
| **Diffuser material:** | glass |
| **Diffuser type:** | transparent |
| **Material of the body:** | aluminium |
| **Colour of the body:** | RAL7016 |
| **Dimensions (H/W/T/S) [mm]:** | 280/240/55 (355/222/380)** |
| **Remarks:** | ** Dimension taking into account the maximum deflection of the handle in each direction. |
| **Mounting dimensions [mm]:** | 100 |
| **Impact resistance:** | IK10 |
| **Ingress protection:** | IP67 |

| | |
|---|---|
| **Mounting version:** | surface |
| **Working temperature [°C]:** | from -40 to +50 |
| **The number of implement units:** | 1 |
| **Number on the palette [pcs]:** | 81 |
| **Net weight [kg]:** | 3 |
| **Category type:** | floodlights |
| **AC voltage range [V]:** | 100-305 |
| **Version:** | floodlight |
| **Light distribution type:** | RM20 |
| **LED lifespan L70B50 [h]:** | 165 000 |
| **LED lifespan L80B10 [h]:** | 108000 |
| **LED lifespan L90B10 [h]:** | 108000 |
| **Corrosivity category:** | C5-M |
| **Category of application:** | industrial |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 02/2025 |
| **ENEC Certificate:** | 0487/ENEC/26 |
| **HACCP:** | 852/2004 |
| **Environmental Product Declaration (EPD):** | 816/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

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**TECHNICAL PICTURES**

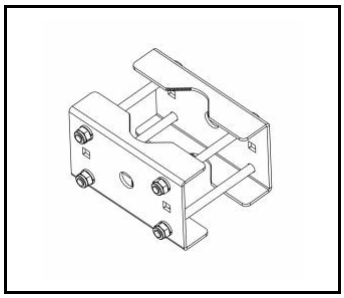


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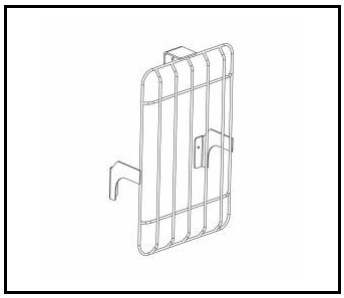
DETAILED CARD

## ACCESSORIES AVAILABLE

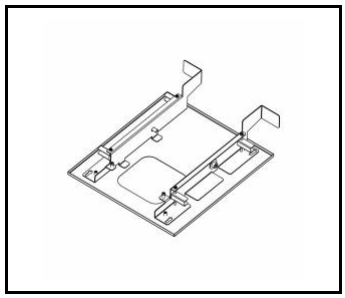
| index | Name |
|---|---|
| 840395 | QUEST LED EVO XS pole holder |
| 840425 | QUEST LED EVO XS protective grid RAL7016 |
| 840456 | QUEST LED EVO XS recessed frame RAL7016 |
| 840487 | QUEST LED EVO XS cover RAL7016 |
| 881732 | QUEST LED EVO XS protective grid RAL9003 |
| 840098 | QUEST LED EVO XS/S/M/L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



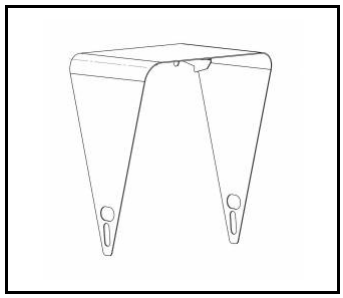
QUEST LED EVO XS pole holder (840395)



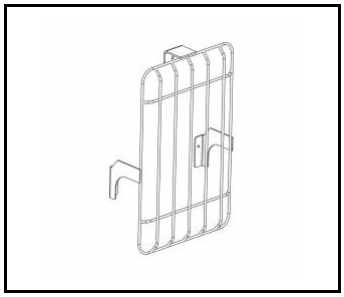
QUEST LED EVO XS protective grid RAL7016 (840425)



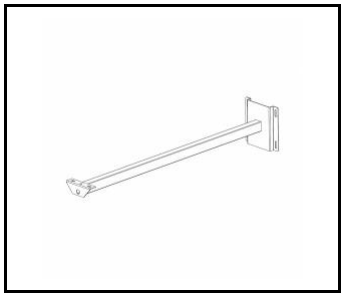
QUEST LED EVO XS recessed frame RAL7016 (840456)



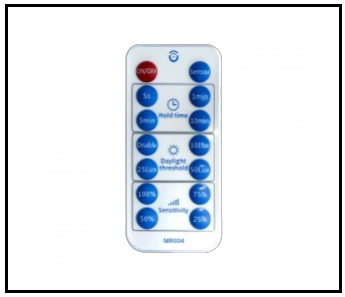
QUEST LED EVO XS cover RAL7016 (840487)



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)

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 02/2025

LENA LIGHTING

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