

# QUEST LED EVO XS 5900LM I CL. IP67 740 RM10 41W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 881602 |
| <b>Ingress protection:</b>                | IP67   |
| <b>Impact resistance:</b>                 | IK10   |
| <b>Rated power of the luminaire [W]*:</b> | 41     |
| <b>Luminous flux [lm]*:</b>               | 5900   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Colour rendering index:</b>            | >70    |
| <b>SDCM:</b>                              | ≤ 3    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | C      |

## CHARACTERISTICS

Compact yet extremely powerful premium floodlight, manufactured in Poland. The body is made of die-cast aluminium in corrosivity class C5, powder-coated, with no external heat sink or fins to make maintenance difficult. A steel arm with a scale of 7.5 degrees is attached to the body. The diffuser is tempered glass, under which the highest performance LEDs are located. The different types of optics, particularly asymmetrical optics, provide a great deal of freedom in the selection for a specific solution. Thanks to the highest tightness on the floodlight market - IP67 and maximum impact resistance IK10, it will prove its worth in all conditions - regardless of the weather and place of installation. The new version of the well-established and proven QUEST model in its smallest version, offers even better luminous parameters, achieving an efficiency of over 170 lm/W. Quest LED Evo XS meets the requirements of the PN-EN 60598-2 part 5 standard, which allows them to be classified as illuminating projectors. This means full freedom of installation in any position, with 360° rotation and resistance to strong wind - an advantage not offered by other floodlights. An additional advantage for contractors is the sealed quick-release coupling - an innovative solution that eliminates traditional, time-consuming connection methods (with screws). Thanks to an intuitive colour-coded ratchet system, fitting the connector becomes simple, fast and tool-free. The accessory kit includes pole mounting brackets, a frame for flush mounting (e.g. sheds), light pollution reduction shades, and protective grids in two colours with different light reduction levels (white RAL7016: 4%, body colour RAL7016: 8%). The Quest LED Evo XS comes in a version with an integrated motion and twilight sensor (RCR on remote control) and in the ENDURA version (resistant to elevated ambient temperatures up to 50 degrees C), as well as in a version designed for RGB+W illumination and pendant - highbay.

## APPLICATION

Illumination of educational and administrative facilities, halls, garages, passageways, warehouses, shops, food industry and food-related retail and service facilities, building illumination, small sports fields, open spaces and car parks. Can be mounted as floodlight, on poles and masts, on building facades, as highbay (HB version), flush mounting (e.g. sheds).

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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |  |
|-----------------------------------|---------------|------------------------------|--|
| Rated power of the luminaire [W]: | 41            | Dimensions (H/W/T/S) [mm]:   | 280/240/55 (355/222/380)**   |
| Index:                            | 881602        | Remarks:                     | ** Dimension taking into account the maximum deflection of the handle in each direction. |
| Colour temperature [K]:           | 4000          | Mounting dimensions [mm]:    | 100  |
| EAN:                              | 5905963881602 | Impact resistance:           | IK10   |
| Luminous flux [lm]:               | 5900          | Ingress protection:          | IP67   |
| Light source:                     | LED           | Mounting version:            | surface  |
| Supply voltage [V]:               | 220 - 240     | Working temperature [°C]:    | from -20 to +35  |
| Frequency [Hz]:                   | 50-60         | Number on the palette [pcs]: | 81   |
| Luminous efficacy [lm/W]:         | 144           | Net weight [kg]:             | 2.600  |
| Energy efficiency class:          | C             | Category type:               | floodlights  |
| Electrical protection class:      | I             | Version:                     | floodlight   |
| Colour rendering index:           | >70           | LED lifespan L70B50 [h]:     | 165 000  |
| Light distribution type:          | RM10          | LED lifespan L80B20 [h]:     | 103 000  |
| SDCM:                             | ≤ 3           | LED lifespan L90B10 [h]:     | 50000  |
| Surge protection [kV]:            | 6             | Warranty [years]:            | 5  |
| Diffuser material:                | glass         | CE certificate:              | <a href="#">02/2025</a>  |
| Diffuser type:                    | transparent   | Manual:                      | <a href="#">Download PDF</a>   |
| Material of the body:             | aluminium     |                              |  |
| Colour of the body:               | RAL7016       |                              |  |

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## ACCESSORIES AVAILABLE

| index   | Name                                     |
|---------|--|
| WSEL438 | Remote control for motion sensor HD01R   |
| 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 |



Remote control for motion sensor  
HD01R (WSEL438)

Card creation date: 17 February 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