# QUEST 2 LED L 18850LM I CL. IP66 830 SP10KV (145W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 699511 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Rated power of the luminaire [W]*:** | 145 |
| **Luminous flux [lm]*:** | 18850 |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | D |

## CHARACTERISTICS

High-quality floodlight with inbuilt LED source. The body is made of die-cast aluminium, powder coated in anthracite grey (RAL 7016), and the mounting bracket is made of black-painted steel. The diffuser is made of 5 mm thick tempered glass. It is equipped with directional lens matrices with 3 different light distributions: symmetrical (120°), asymmetric narrow ASN and asymmetric wide ASW. Non-corrosive mounting bracket allowing for adjustment angles between -140° to +185°. The luminaire is available in 2 sizes: M and L. Standard equipped with 0.1m long H07RN-F cable and IP66 quick connector. Wide range of accessories available: protective net, grip for the lighting pole, wall bracket.

## APPLICATION

The fitting is dedicated for lighting elevations and billboards.

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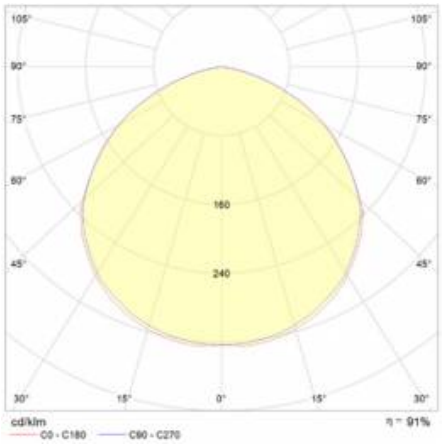
## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 699511 |
| **Light source:** | LED |
| **Rated power of the luminaire [W]:** | 145 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 18850 |
| **Luminous efficacy [lm/W]:** | 130 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Beam angle [°]:** | 120 |
| **Light distribution type:** | symmetric 120° |
| **Surge protection [kV]:** | 10 |
| **Diffuser material:** | glass |
| **Diffuser type:** | transparent |
| **Material of the body:** | aluminium |
| **Colour of the body:** | anthracite grey |
| **The number of implement units:** | 1 |
| **Version:** | L |

| | |
|---|---|
| **Dimensions (H/W/T/S) [mm]:** | 415/424/37 |
| **Impact resistance:** | IK09 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface |
| **Working temperature [°C]:** | from -20 to +35 |
| **Lateral surface (SCx) [m2]:** | 0.180 |
| **Net weight [kg]:** | 5.200 |
| **LED lifespan L70B50 [h]:** | 125000 |
| **LED lifespan L80B10 [h]:** | 79000 |
| **LED lifespan L90B10 [h]:** | 38000 |
| **Cable length [m]:** | 0.90 |
| **Mark D:** | yes |
| **Additional accessories:** | protective grid, pole mount, wall mount |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 86/2021 |
| **PZH certificate:** | B-BK-60212-0480/21 |
| **Environmental Product Declaration (EPD):** | 816/2025 |
| **Manual:** | Download PDF |
| **Plik LDT:** | Download |

## LIGHT CURVES



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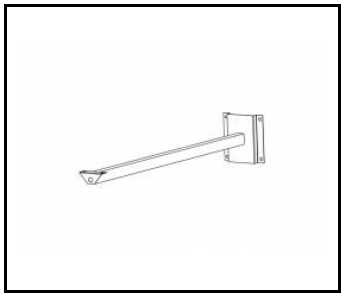
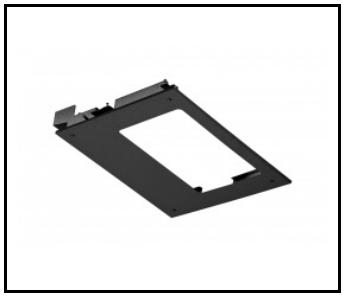
## ACCESSORIES AVAILABLE

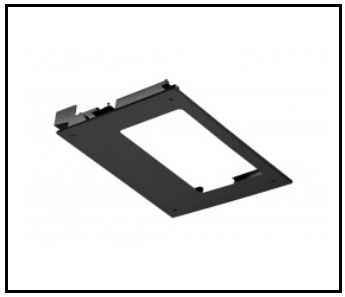
| index | Name |
|---|---|
| 559938 | QUEST PLUS LED M/L wall holder RAL9006 |
| 699993 | QUEST 2 LED M - recessed frame |
| 699986 | QUEST 2 LED L - recessed frame |
| 699962 | QUEST 2 LED L protective grid RAL7016 |
| 699979 | QUEST 2 LED M protective grid RAL7016 |
| 965913 | QUEST 2 LED M/L MAX wall mount RAL7016 |
| 567728 | QUEST 2 LED M/L Pole holder |



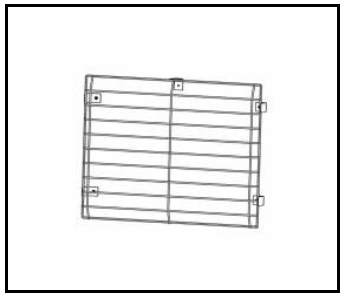
QUEST PLUS LED M/L wall holder RAL9006 (559938)



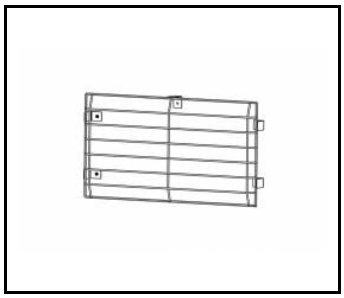
QUEST 2 LED M - recessed frame (699993)



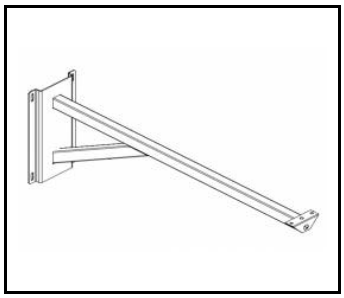
QUEST 2 LED L - recessed frame (699986)



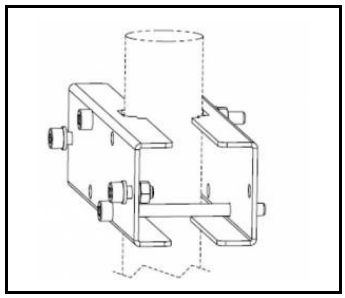
QUEST 2 LED L protective grid RAL7016 (699962)



QUEST 2 LED M protective grid RAL7016 (699979)



QUEST 2 LED M/L MAX wall mount RAL7016 (965913)



QUEST 2 LED M/L Pole holder (567728)

Card creation date: 28 October 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: 86/2021

LENA LIGHTING

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