

# QUEST 2 LED L ASW 14700LM DALI I CL. IP66 830 SP10KV (109W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 697883 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK09   |
| <b>Rated power of the luminaire [W]*:</b> | 109    |
| <b>Luminous flux [lm]*:</b>               | 14700  |
| <b>Colour temperature [K]:</b>            | 3000   |
| <b>Colour rendering index:</b>            | >80    |
| <b>SDCM:</b>                              | ≤ 3    |
| <b>Electrical protection class:</b>       | I      |
| <b>Energy efficiency class:</b>           | 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

|                                   |                |                                |   |
|-----------------------------------|----------------|--------------------------------|---|
| Rated power of the luminaire [W]: | 109            | Colour of the body:            | anthracite grey   |
| Index:                            | 697883         | Dimensions (H/W/T/S) [mm]:     | 415/424/37  |
| Colour temperature [K]:           | 3000           | Impact resistance:             | IK09  |
| Light source:                     | LED            | Ingress protection:            | IP66  |
| Luminous flux [lm]:               | 14700          | Mounting version:              | surface   |
| Supply voltage [V]:               | 220 - 240      | Working temperature [°C]:      | from -20 to +35   |
| DIMM DALI:                        | yes            | Lateral surface (SCx) [m2]:    | 0.180   |
| Frequency [Hz]:                   | 50 - 60        | Net weight [kg]:               | 5.200   |
| Beam angle [°]:                   | ASW            | Warranty [years]:              | 5   |
| Version:                          | L              | LED lifespan L70B50 [h]:       | 125000  |
| Luminous efficacy [lm/W]:         | 135            | LED lifespan L80B20 [h]:       | 79000   |
| Energy efficiency class:          | D              | LED lifespan L90B10 [h]:       | 38000   |
| Electrical protection class:      | I              | Cable length [m]:              | 0.90  |
| Colour rendering index:           | >80            | Photobiological safety:        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| SDCM:                             | ≤ 3            | Mark D:                        | yes   |
| Light distribution type:          | asymmetric ASW | Additional accessories:        | protective grid, pole mount, wall mount                                     |
| Surge protection [kV]:            | 10             | The number of implement units: | 1   |
| Diffuser material:                | glass          | Warranty [years]:              | 5   |
| Diffuser type:                    | transparent    | CE certificate:                | <a href="#">86/2021</a>   |
| Optics material:                  | PC             | PZH certificate:               | <a href="#">B-BK-60212-0480/21</a>  |
| Optics:                           | lens           | Manual:                        | <a href="#">Download PDF</a>  |
| Material of the body:             | aluminium      | Plik LDT:                      |   |

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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: 09 January 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: 86/2021