

# QUEST 2 LED M ASW 13500LM DALI I CL. IP66 830 SP10KV (108W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 697715 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK09   |
| <b>Rated power of the luminaire [W]*:</b> | 108    |
| <b>Luminous flux [lm]*:</b>               | 13500  |
| <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.

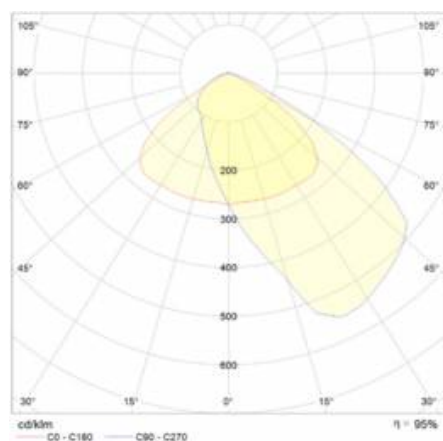
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## TECHNICAL PARAMETERS TABLE

|  |                 |                                       |   |
|--|-----------------|---------------------------------------|---|
| <b>Index:</b>                            | 697715          | <b>Version:</b>                       | M   |
| <b>Light source:</b>                     | LED             | <b>Dimensions (H/W/T/S) [mm]:</b>     | 321/424/37  |
| <b>Rated power of the luminaire [W]:</b> | 108             | <b>Impact resistance:</b>             | IK09  |
| <b>Supply voltage [V]:</b>               | 220 - 240       | <b>Ingress protection:</b>            | IP66  |
| <b>Frequency [Hz]:</b>                   | 50 - 60         | <b>Mounting version:</b>              | surface   |
| <b>Luminous flux [lm]:</b>               | 13500           | <b>Working temperature [°C]:</b>      | from -20 to +35   |
| <b>Luminous efficacy [lm/W]:</b>         | 125             | <b>Lateral surface (SCx) [m2]:</b>    | 0.140   |
| <b>Energy efficiency class:</b>          | D               | <b>Net weight [kg]:</b>               | 4.200   |
| <b>Electrical protection class:</b>      | I               | <b>Warranty [years]:</b>              | 5   |
| <b>Colour temperature [K]:</b>           | 3000            | <b>LED lifespan L70B50 [h]:</b>       | 125000  |
| <b>Colour rendering index:</b>           | >80             | <b>LED lifespan L80B20 [h]:</b>       | 79000   |
| <b>SDCM:</b>                             | ≤ 3             | <b>LED lifespan L90B10 [h]:</b>       | 38000   |
| <b>Beam angle [°]:</b>                   | ASW             | <b>Cable length [m]:</b>              | 0.90  |
| <b>Light distribution type:</b>          | asymmetric ASW  | <b>Photobiological safety:</b>        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| <b>Surge protection [kV]:</b>            | 10              | <b>Mark D:</b>                        | yes   |
| <b>Diffuser material:</b>                | glass           | <b>Additional accessories:</b>        | protective grid, pole mount, wall mount                                     |
| <b>Diffuser type:</b>                    | transparent     | <b>The number of implement units:</b> | 1   |
| <b>Optics material:</b>                  | PC              | <b>Warranty [years]:</b>              | 5   |
| <b>Optics:</b>                           | lens            | <b>CE certificate:</b>                | <a href="#">86/2021</a>   |
| <b>Material of the body:</b>             | aluminium       | <b>PZH certificate:</b>               | <a href="#">B-BK-60212-0480/21</a>  |
| <b>Colour of the body:</b>               | anthracite grey | <b>Manual:</b>                        | <a href="#">Download PDF</a>  |
| <b>DIMM DALI:</b>                        | yes             |                                       |   |

## 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: 16 October 2024

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