

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

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |        |
|------------------------------------|--------|
| Index:                             | 699313 |
| Ingress protection:                | IP66   |
| Impact resistance:                 | IK09   |
| Rated power of the luminaire [W]*: | 108    |
| Luminous flux [lm]*:               | 13500  |
| Colour temperature [K]:            | 3000   |
| Colour rendering index:            | >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.

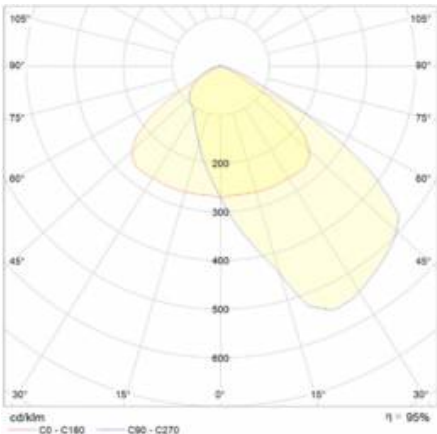
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## TECHNICAL PARAMETERS TABLE

|                                   |                |                                |                                                                             |
|-----------------------------------|----------------|--------------------------------|-----------------------------------------------------------------------------|
| Rated power of the luminaire [W]: | 108            | Colour of the body:            | anthracite grey                                                             |
| Index:                            | 699313         | Dimensions (H/W/T/S) [mm]:     | 321/424/37                                                                  |
| Colour temperature [K]:           | 3000           | Impact resistance:             | IK09                                                                        |
| Light source:                     | LED            | Ingress protection:            | IP66                                                                        |
| Luminous flux [lm]:               | 13500          | Mounting version:              | surface                                                                     |
| Supply voltage [V]:               | 220 - 240      | Working temperature [°C]:      | from -20 to +35                                                             |
| Frequency [Hz]:                   | 50 - 60        | Lateral surface (SCx) [m2]:    | 0.140                                                                       |
| Beam angle [°]:                   | ASW            | Net weight [kg]:               | 4.200                                                                       |
| Version:                          | M              | Warranty [years]:              | 5                                                                           |
| Luminous efficacy [lm/W]:         | 125            | LED lifespan L70B50 [h]:       | 125000                                                                      |
| Energy efficiency class:          | D              | LED lifespan L80B20 [h]:       | 79000                                                                       |
| Electrical protection class:      | I              | LED lifespan L90B10 [h]:       | 38000                                                                       |
| Colour rendering index:           | >80            | Cable length [m]:              | 0.90                                                                        |
| SDCM:                             | ≤ 3            | Photobiological safety:        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Light distribution type:          | asymmetric ASW | Mark D:                        | yes                                                                         |
| Surge protection [kV]:            | 10             | Additional accessories:        | protective grid, pole mount, wall mount                                     |
| Diffuser material:                | glass          | The number of implement units: | 1                                                                           |
| Diffuser type:                    | transparent    | Warranty [years]:              | 5                                                                           |
| Optics material:                  | PC             | CE certificate:                | <a href="#">86/2021</a>                                                     |
| Optics:                           | lens           | PZH certificate:               | <a href="#">B-BK-60212-0480/21</a>                                          |
| Material of the body:             | aluminium      | Manual:                        | <a href="#">Download PDF</a>                                                |
|                                   |                | Plik LDT:                      | <a href="#">Download</a>                                                    |

## LIGHT CURVES

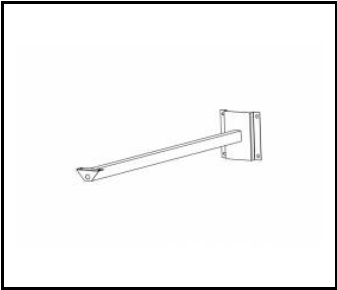


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## ACCESSORIES AVAILABLE

| 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            |



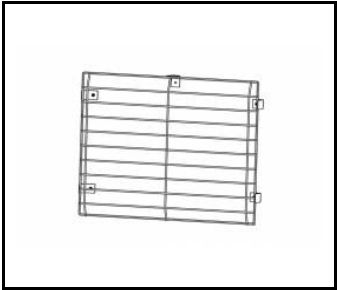
QUEST PLUS LED M/L wall holder  
RAL9006 (559938)



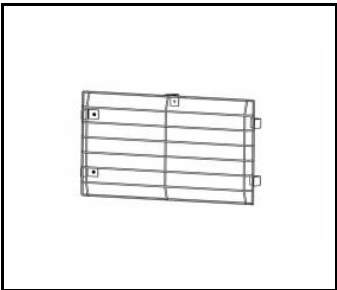
QUEST 2 LED M - recessed  
frame (699993)



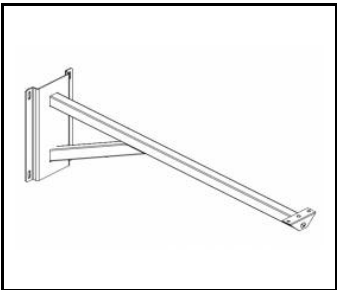
QUEST 2 LED L - recessed  
frame (699986)



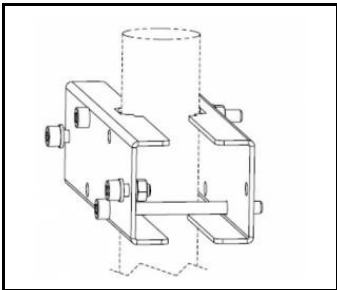
QUEST 2 LED L protective grid  
RAL7016 (699962)



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: 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