

# QUEST 2 LED ENDURA HB M 14700LM I CL. IP66 840 SP10KV (108W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Ingress protection:</b>                | IP66      |
| <b>Impact resistance:</b>                 | IK09      |
| <b>Rated power of the luminaire [W]*:</b> | 108       |
| <b>Luminous flux [lm]*:</b>               | 14700     |
| <b>Colour temperature [K]:</b>            | 4000      |
| <b>Colour rendering index:</b>            | > 80      |
| <b>SDCM:</b>                              | ≤ 3       |
| <b>Electrical protection class:</b>       | I         |
| <b>Energy efficiency class:</b>           | C         |
| <b>Material of the body:</b>              | aluminium |

## CHARACTERISTICS

High-quality highbay 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.

## APPLICATION

QUEST 2 LED ENDURA is a fitting designed for lighting surfaces with the ambient temperature up to +60°C (eg. for industrial plants or bakeries). The unfavourable conditions of the environment do not have influence on the fitting's reliability and efficacy. In rooms such as cold stores, the requirements for lighting are far from standard. Only the fittings especially suited for working in such conditions can be used in rooms with cold temperatures. is a fitting designed for lighting surfaces with the temperature down to -35°C.

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## TECHNICAL PARAMETERS TABLE

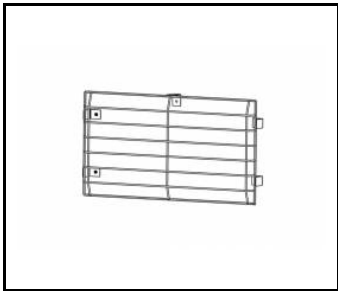
|                                   |           |                                |   |
|-----------------------------------|-----------|--------------------------------|---|
| Rated power of the luminaire [W]: | 108       | Version:                       | 1xM   |
| Index:                            | 698729    | Colour of the body:            | RAL 7016  |
| Colour temperature [K]:           | 4000      | Mounting version:              | suspended   |
| Luminous flux [lm]:               | 14700     | Dimensions (H/W/T/S) [mm]:     | 321/424/37  |
| Beam angle [°]:                   | 120       | Impact resistance:             | IK09  |
| Supply voltage [V]:               | 220 - 240 | Ingress protection:            | IP66  |
| Frequency [Hz]:                   | 50 - 60   | Working temperature [°C]:      | from -35 to +60   |
| Luminous efficacy [lm/W]:         | 136       | Cable length [m]:              | 0.70  |
| Energy efficiency class:          | C         | Net weight [kg]:               | 4.200   |
| Electrical protection class:      | I         | Warranty [years]:              | 5   |
| Colour rendering index:           | > 80      | Additional accessories:        | protective grid   |
| SDCM:                             | ≤ 3       | Photobiological safety:        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| LED lifespan L70B50 [h]:          | 125000    | The number of implement units: | 1   |
| LED lifespan L80B20 [h]:          | 79000     | Warranty [years]:              | 5   |
| LED lifespan L90B10 [h]:          | 38000     | CE certificate:                | <a href="#">160/2023</a>  |
| Surge protection [kV]:            | 10        | PZH certificate:               | <a href="#">B-BK-60212-0480/21</a>  |
| Diffuser material:                | glass     | Manual:                        | <a href="#">Download PDF</a>  |
| Material of the body:             | aluminium | Plik LDT:                      | <a href="#">Download</a>  |

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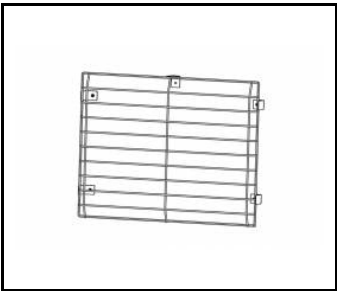
DETAILED CARD

## ACCESSORIES AVAILABLE

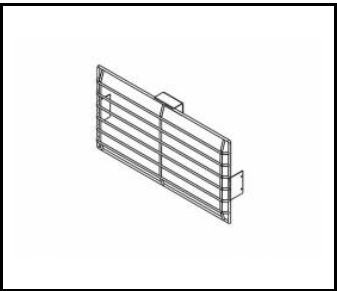
| index  | Name  |
|--------|---|
| 559907 | QUEST PLUS LED M protective grid RAL9006                      |
| 559914 | QUEST PLUS LED L protective grid RAL9006                      |
| 559952 | QUEST PLUS LED HB M protective grid RAL9006 single suspension |
| 559945 | QUEST PLUS LED HB L protective grid RAL9006 single suspension |
| 699993 | QUEST 2 LED M - recessed frame                                |
| 699986 | QUEST 2 LED L - recessed frame                                |



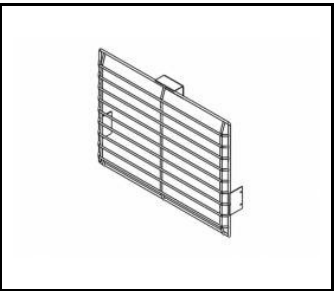
QUEST PLUS LED M protective grid RAL9006 (559907)



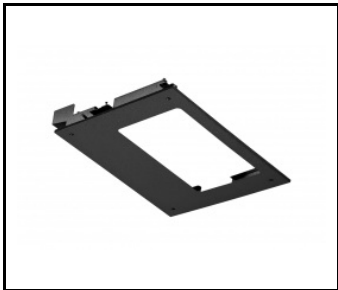
QUEST PLUS LED L protective grid RAL9006 (559914)



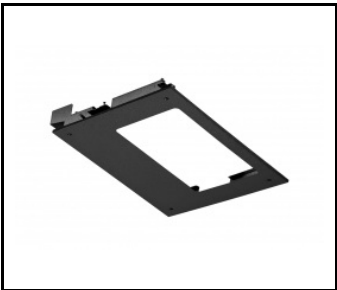
QUEST PLUS LED HB M protective grid RAL9006 single suspension (559952)



QUEST PLUS LED HB L protective grid RAL9006 single suspension (559945)



QUEST 2 LED M - recessed frame (699993)



QUEST 2 LED L - recessed frame (699986)

Card creation date: 08 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: 160/2023