

# QUEST 2 LED ENDURA HB NT M 14700LM DALI 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

|                                   |           |                            |   |
|-----------------------------------|-----------|----------------------------|---|
| Index:                            | 696527    | Colour of the body:        | RAL 7016  |
| Rated power of the luminaire [W]: | 108       | Dimensions (H/W/T/S) [mm]: | 321/424/37  |
| Luminous flux [lm]:               | 14700     | Impact resistance:         | IK09  |
| Supply voltage [V]:               | 220 - 240 | Ingress protection:        | IP66  |
| Frequency [Hz]:                   | 50 - 60   | Mounting version:          | surface   |
| Luminous efficacy [lm/W]:         | 136       | Working temperature [°C]:  | from -35 to +60   |
| Energy efficiency class:          | C         | Cable length [m]:          | 0.70  |
| Electrical protection class:      | I         | Net weight [kg]:           | 4.200   |
| Colour temperature [K]:           | 4000      | Warranty [years]:          | 5   |
| Colour rendering index:           | > 80      | Version:                   | 1xM   |
| SDCM:                             | ≤ 3       | DIMM DALI:                 | yes   |
| LED lifespan L70B50 [h]:          | 125000    | Additional accessories:    | protective grid   |
| LED lifespan L80B20 [h]:          | 79000     | Photobiological safety:    | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| LED lifespan L90B10 [h]:          | 38000     | Warranty [years]:          | 5   |
| Beam angle [°]:                   | 120       | CE certificate:            | <a href="#">159/2023</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 |                            |   |

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## 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 - surface frame                                 |
| 699986 | QUEST 2 LED L - surface 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 - surface frame (699993)



QUEST 2 LED L - surface frame (699986)

Card creation date: 29 July 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: 159/2023