### QUEST 2 LED HB NT M 14200LM DALI I CL. IP66 840 70D SP10KV (108W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Ingress protection: IP66 Impact resistance: **IK09** Rated power of the luminaire [W]\*: 108 Luminous flux [lm]\*: 14200 4000 Colour temperature [K]: Colour rendering index: 80 SDCM: ≤ 3 **Electrical protection class: Energy efficiency class:** Material of the body: 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.

Available version with radio motion sensor:

- allowing additional savings in electricity consumption
- convenient change of parameters by remote control (to be purchased separately).

### **APPLICATION**

The luminaire is dedicated for surface or suspended installation (with chains) for both internal and external use. It is designed for industrial plants, production halls and large area warehouses.



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### **TECHNICAL PARAMETERS TABLE**

| Index:                            | 698521          |
|-----------------------------------|-----------------|
| Rated power of the luminaire [W]: | 108             |
| Luminous flux [Im]:               | 14200           |
| Supply voltage [V]:               | 220 - 240       |
| Frequency [Hz]:                   | 50 - 60         |
| Luminous efficacy [lm/W]:         | 131             |
| Energy efficiency class:          | D               |
| Electrical protection class:      | 1               |
| Colour temperature [K]:           | 4000            |
| Colour rendering index:           | 80              |
| SDCM:                             | ≤3              |
| LED lifespan L70B50 [h]:          | 125000          |
| LED lifespan L80B20 [h]:          | 79000           |
| LED lifespan L90B10 [h]:          | 38000           |
| Beam angle [°]:                   | 70              |
| Surge protection [kV]:            | 10              |
| Diffuser material:                | glass           |
| Diffuser type:                    | transparent     |
| Optics:                           | lens            |
| Material of the body:             | aluminium       |
| Colour of the body:               | anthracite grey |
|                                   |                 |

| Dimensions (H/W/T/S) [mm]:               | 321/424/37  |
|--|---|
| Impact resistance:                       | IK09  |
| Ingress protection:                      | IP66  |
| Working temperature [°C]:                | from -20 to +35   |
| Lateral surface (SCx) [m2]:              | 0.140   |
| DIMM DALI:                               | yes   |
| The number of implement units:           | 1   |
| Mark D:                                  | yes   |
| Net weight [kg]:                         | 4.200   |
| Version:                                 | 1xM   |
| Light distribution type:                 | 70 UGR<22   |
| Efficiency of the luminaire:             | 0.86  |
| Additional accessories:                  | protective grid   |
| Cable length [m]:                        | 0.90  |
| Photobiological safety:                  | Risk Group 1 (no photobiological<br>hazard under normal behavioral<br>limitation) |
| Warranty [years]:                        | 5   |
| CE certificate:                          | <u>158/2023</u>   |
| PZH certificate:                         | B-BK-60212-0480/21  |
| Environmental Product Declaration (EPD): | 816/2025  |
| Manual:                                  | Download PDF  |
| Plik LDT:                                | Download  |

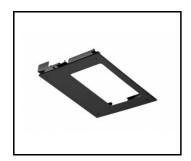


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### **ACCESSORIES AVAILABLE**

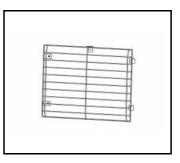
| index  | Name   |
|--------|--|
| 699993 | QUEST 2 LED M - recessed frame                             |
| 699986 | QUEST 2 LED L - recessed frame                             |
| 699948 | QUEST 2 LED HB L protective grid RAL7016 single suspension |
| 699955 | QUEST 2 LED HB M protective grid RAL7016 single suspension |
| 699962 | QUEST 2 LED L protective grid RAL7016                      |
| 699979 | QUEST 2 LED M protective grid RAL7016                      |



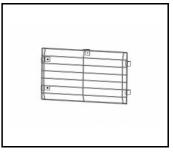
QUEST 2 LED M - recessed frame (699993)



QUEST 2 LED L - recessed frame (699986)



QUEST 2 LED L protective grid RAL7016 (699962)



QUEST 2 LED M protective grid RAL7016 (699979)

Card creation date: 10 July 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%

