

QUEST 2 LED HB NT M 14200LM 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 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | > 80 |
| SDCM: | ≤ 3 |
| Electrical protection class: | I |
| Energy efficiency class: | D |
| 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

| | | | |
|-----------------------------------|-----------------|--------------------------------|---|
| Rated power of the luminaire [W]: | 108 | Impact resistance: | IK09 |
| Index: | 698408 | Ingress protection: | IP66 |
| Colour temperature [K]: | 4000 | Working temperature [°C]: | from -20 to +35 |
| Luminous flux [lm]: | 14200 | Version: | 1xM |
| Beam angle [°]: | 70 | Lateral surface (SCx) [m2]: | 0.140 |
| Supply voltage [V]: | 220 - 240 | Mounting version: | surface |
| Frequency [Hz]: | 50 - 60 | Mark D: | yes |
| Luminous efficacy [lm/W]: | 131 | Net weight [kg]: | 4.200 |
| Energy efficiency class: | D | Warranty [years]: | 5 |
| Electrical protection class: | I | Light distribution type: | 70 UGR<22 |
| Colour rendering index: | > 80 | Efficiency of the luminaire: | 0.86 |
| SDCM: | ≤ 3 | Additional accessories: | protective grid |
| LED lifespan L70B50 [h]: | 125000 | Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| LED lifespan L80B20 [h]: | 79000 | Cable length [m]: | 0.90 |
| LED lifespan L90B10 [h]: | 38000 | The number of implement units: | 1 |
| Surge protection [kV]: | 10 | Warranty [years]: | 5 |
| Diffuser material: | glass | CE certificate: | 158/2023 |
| Diffuser type: | transparent | PZH certificate: | B-BK-60212-0480/21 |
| Optics: | lens | Manual: | Download PDF |
| Material of the body: | aluminium | Plik LDT: | |
| Colour of the body: | anthracite grey | | |
| Dimensions (H/W/T/S) [mm]: | 321/424/37 | | |

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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: 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: 158/2023