

QUEST 2 LED HB M 14000LM DALI I CL. IP66 840 125/30D SP10KV (108W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|-----------|
| Ingress protection: | IP66 |
| Impact resistance: | IK09 |
| Rated power of the luminaire [W]*: | 108 |
| Luminous flux [lm]*: | 14000 |
| 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

| | | | |
|-----------------------------------|-----------------|--|---|
| Index: | 698149 | Dimensions (H/W/T/S) [mm]: | 321/424/37 |
| Rated power of the luminaire [W]: | 108 | Impact resistance: | IK09 |
| Luminous flux [lm]: | 14000 | Ingress protection: | IP66 |
| Supply voltage [V]: | 220 - 240 | Working temperature [°C]: | from -20 to +35 |
| Frequency [Hz]: | 50 - 60 | Lateral surface (SCx) [m2]: | 0.140 |
| Luminous efficacy [lm/W]: | 130 | DIMM DALI: | yes |
| Energy efficiency class: | D | The number of implement units: | 1 |
| Electrical protection class: | I | Mark D: | yes |
| Colour temperature [K]: | 4000 | Net weight [kg]: | 4.200 |
| Colour rendering index: | 80 | Version: | 1xM |
| SDCM: | ≤ 3 | Light distribution type: | 125/30 |
| LED lifespan L70B50 [h]: | 125000 | Efficiency of the luminaire: | 0.86 |
| LED lifespan L80B20 [h]: | 79000 | Additional accessories: | protective grid |
| LED lifespan L90B10 [h]: | 38000 | Cable length [m]: | 0.90 |
| Beam angle [°]: | 125/30 | Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| 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 | Environmental Product Declaration (EPD): | 816/2025 |
| Material of the body: | aluminium | Manual: | Download PDF |
| Colour of the body: | anthracite grey | 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)