

# QUEST 2 LED HB L 40200LM I CL. IP66 840 SP10KV (290W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |           |
|---|-----------|
| <b>Ingress protection:</b>                | IP66      |
| <b>Impact resistance:</b>                 | IK09      |
| <b>Rated power of the luminaire [W]*:</b> | 290       |
| <b>Luminous flux [lm]*:</b>               | 40200     |
| <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.

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

|  |                 |                                       |   |
|--|-----------------|---------------------------------------|---|
| <b>Index:</b>                            | 698071          | <b>Dimensions (H/W/T/S) [mm]:</b>     | 859/424/37  |
| <b>Rated power of the luminaire [W]:</b> | 290             | <b>Impact resistance:</b>             | IK09  |
| <b>Luminous flux [lm]:</b>               | 40200           | <b>Ingress protection:</b>            | IP66  |
| <b>Supply voltage [V]:</b>               | 220 - 240       | <b>Working temperature [°C]:</b>      | from -20 to +35   |
| <b>Frequency [Hz]:</b>                   | 50 - 60         | <b>Lateral surface (SCx) [m2]:</b>    | 0.360   |
| <b>Luminous efficacy [lm/W]:</b>         | 139             | <b>Mark D:</b>                        | yes   |
| <b>Energy efficiency class:</b>          | C               | <b>Net weight [kg]:</b>               | 10.600  |
| <b>Electrical protection class:</b>      | I               | <b>Warranty [years]:</b>              | 5   |
| <b>Colour temperature [K]:</b>           | 4000            | <b>Version:</b>                       | 2xL   |
| <b>Colour rendering index:</b>           | > 80            | <b>Light distribution type:</b>       | symmetric   |
| <b>SDCM:</b>                             | ≤ 3             | <b>Efficiency of the luminaire:</b>   | 0.96  |
| <b>LED lifespan L70B50 [h]:</b>          | 125000          | <b>Additional accessories:</b>        | protective grid   |
| <b>LED lifespan L80B20 [h]:</b>          | 79000           | <b>Photobiological safety:</b>        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| <b>LED lifespan L90B10 [h]:</b>          | 38000           | <b>Cable length [m]:</b>              | 0.90  |
| <b>Beam angle [°]:</b>                   | 120             | <b>The number of implement units:</b> | 2   |
| <b>Surge protection [kV]:</b>            | 10              | <b>Warranty [years]:</b>              | 5   |
| <b>Diffuser material:</b>                | glass           | <b>CE certificate:</b>                | <a href="#">158/2023</a>  |
| <b>Diffuser type:</b>                    | transparent     | <b>PZH certificate:</b>               | <a href="#">B-BK-60212-0480/21</a>  |
| <b>Material of the body:</b>             | aluminium       | <b>Manual:</b>                        | <a href="#">Download PDF</a>  |
| <b>Colour of the body:</b>               | anthracite grey |                                       |   |

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## ACCESSORIES AVAILABLE

| index  | Name   |
|--------|--|
| 699993 | QUEST 2 LED M - surface frame                              |
| 699986 | QUEST 2 LED L - surface 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 - surface frame (699993)



QUEST 2 LED L - surface frame (699986)



QUEST 2 LED L protective grid RAL7016 (699962)



QUEST 2 LED M protective grid RAL7016 (699979)

Card creation date: 09 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: 158/2023