

# QUEST 2 LED HB NT M 14700LM RCR I CL. IP66 840 SP10KV (108W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |           |
|------------------------------------|-----------|
| Ingress protection:                | IP65      |
| Impact resistance:                 | IK09      |
| Rated power of the luminaire [W]*: | 108       |
| Luminous flux [lm]*:               | 14700     |
| Colour temperature [K]:            | 4000      |
| Colour rendering index:            | > 80      |
| SDCM:                              | ≤ 3       |
| Electrical protection class:       | I         |
| Energy efficiency class:           | C         |
| 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             | Motion sensor:                 | yes                                                                         |
| Index:                            | 698606          | Ingress protection:            | IP65                                                                        |
| Colour temperature [K]:           | 4000            | Working temperature [°C]:      | from -20 to +35                                                             |
| Luminous flux [lm]:               | 14700           | Version:                       | 1xM                                                                         |
| Beam angle [°]:                   | 120             | 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]:         | 136             | Net weight [kg]:               | 4.200                                                                       |
| Energy efficiency class:          | C               | Warranty [years]:              | 5                                                                           |
| Electrical protection class:      | I               | Light distribution type:       | symmetric                                                                   |
| Colour rendering index:           | > 80            | Efficiency of the luminaire:   | 0.89                                                                        |
| 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:                | <a href="#">158/2023</a>                                                    |
| Diffuser type:                    | transparent     | PZH certificate:               | <a href="#">B-BK-60212-0480/21</a>                                          |
| Material of the body:             | aluminium       | Manual:                        | <a href="#">Download PDF</a>                                                |
| Colour of the body:               | anthracite grey | Plik LDT:                      | <a href="#">Download</a>                                                    |
| Dimensions (H/W/T/S) [mm]:        | 321/424/37      |                                |                                                                             |
| Impact resistance:                | IK09            |                                |                                                                             |

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## ACCESSORIES AVAILABLE

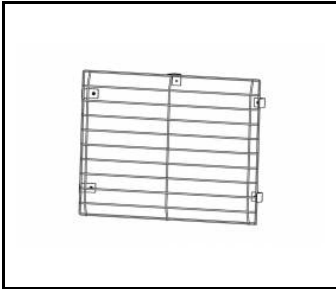
| index  | Name                                                       |
|--------|------------------------------------------------------------|
| 699993 | QUEST 2 LED M - recessed frame                             |
| 699986 | QUEST 2 LED L - recessed frame                             |
| 699948 | QUEST 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                      |



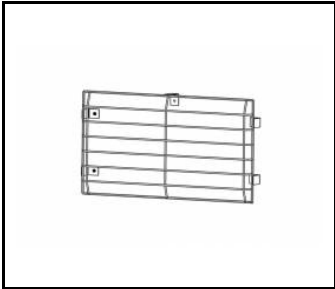
QUEST 2 LED M - recessed frame (699993)



QUEST 2 LED L - recessed frame (699986)



QUEST 2 LED L protective grid RAL7016 (699962)



QUEST 2 LED M protective grid RAL7016 (699979)