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

DETAILED CARD





TECHNICAL PARAMETERS

Ingress protection: IP65 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:	698286
Rated power of the luminaire [W]:	108
Luminous flux [lm]:	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:	IP65
Working temperature [°C]:	from -20 to +35
Lateral surface (SCx) [m2]:	0.140
Motion sensor:	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 hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	<u>158/2023</u>
PZH certificate:	B-BK-60212-0480/21
Environmental Product Declaration (EPD):	<u>816/2025</u>
Manual:	Download PDF
Plik LDT:	Download

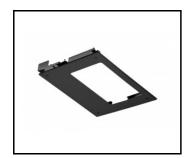


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ACCESSORIES AVAILABLE

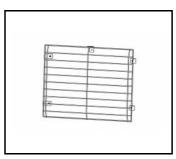
index	Name
699993	QUEST 2 LED M - recessed frame
699986	QUEST 2 LED L - recessed frame
699948	QUEST 2 LED HB L protective grid RAL7016 single suspension
699955	QUEST 2 LED HB M protective grid RAL7016 single suspension
699962	QUEST 2 LED L protective grid RAL7016
699979	QUEST 2 LED M protective grid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



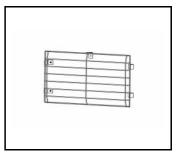
QUEST 2 LED M - recessed frame (699993)



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%

