

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

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
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	Ingress protection:	IP66
Index:	698002	Working temperature [°C]:	from -20 to +35
Colour temperature [K]:	4000	Version:	1xM
Luminous flux [lm]:	14700	Lateral surface (SCx) [m2]:	0.140
Beam angle [°]:	120	Mounting version:	suspended
Supply voltage [V]:	220 - 240	Mark D:	yes
Frequency [Hz]:	50 - 60	Net weight [kg]:	4.200
Luminous efficacy [lm/W]:	136	Warranty [years]:	5
Energy efficiency class:	C	Light distribution type:	symmetric
Electrical protection class:	I	Efficiency of the luminaire:	0.89
Colour rendering index:	> 80	Additional accessories:	protective grid
SDCM:	≤ 3	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L70B50 [h]:	125000	Cable length [m]:	0.90
LED lifespan L80B20 [h]:	79000	The number of implement units:	1
LED lifespan L90B10 [h]:	38000	Warranty [years]:	5
Surge protection [kV]:	10	CE certificate:	158/2023
Diffuser material:	glass	PZH certificate:	B-BK-60212-0480/21
Diffuser type:	transparent	Manual:	Download PDF
Material of the body:	aluminium	Pliik LDT:	Download
Colour of the body:	anthracite grey		
Dimensions (H/W/T/S) [mm]:	321/424/37		
Impact resistance:	IK09		

LIGHT CURVES



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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