

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	108
<b>Luminous flux [lm]*:</b>	14700
<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

Index:	698248	Impact resistance:	IK09
Rated power of the luminaire [W]:	108	Ingress protection:	IP65
Luminous flux [lm]:	14700	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220 - 240	Lateral surface (SCx) [m2]:	0.140
Frequency [Hz]:	50 - 60	Motion sensor:	yes
Luminous efficacy [lm/W]:	136	The number of implement units:	1
Energy efficiency class:	C	Mark D:	yes
Electrical protection class:	I	Net weight [kg]:	4.200
Colour temperature [K]:	4000	Version:	1xM
Colour rendering index:	80	Light distribution type:	symmetric
SDCM:	≤ 3	Efficiency of the luminaire:	0.89
LED lifespan L70B50 [h]:	125000	Additional accessories:	protective grid
LED lifespan L80B20 [h]:	79000	Cable length [m]:	0.90
LED lifespan L90B10 [h]:	38000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Beam angle [°]:	120	Warranty [years]:	5
Surge protection [kV]:	10	CE certificate:	<a href="#">158/2023</a>
Diffuser material:	glass	PZH certificate:	<a href="#">B-BK-60212-0480/21</a>
Diffuser type:	transparent	Environmental Product Declaration (EPD):	<a href="#">816/2025</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		

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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)