

# QUEST 2 LED HB L 20100LM RCR I CL. IP66 840 SP10KV (145W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK09
<b>Rated power of the luminaire [W]*:</b>	145
<b>Luminous flux [lm]*:</b>	20100
<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>	698309	<b>Dimensions (H/W/T/S) [mm]:</b>	415/424/37
<b>Rated power of the luminaire [W]:</b>	145	<b>Impact resistance:</b>	IK09
<b>Luminous flux [lm]:</b>	20100	<b>Ingress protection:</b>	IP65
<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>	0.180
<b>Luminous efficacy [lm/W]:</b>	139	<b>Motion sensor:</b>	yes
<b>Energy efficiency class:</b>	C	<b>Mark D:</b>	yes
<b>Electrical protection class:</b>	I	<b>Net weight [kg]:</b>	5.200
<b>Colour temperature [K]:</b>	4000	<b>Warranty [years]:</b>	5
<b>Colour rendering index:</b>	> 80	<b>Version:</b>	1xL
<b>SDCM:</b>	≤ 3	<b>Light distribution type:</b>	symmetric
<b>LED lifespan L70B50 [h]:</b>	125000	<b>Efficiency of the luminaire:</b>	0.96
<b>LED lifespan L80B20 [h]:</b>	79000	<b>Additional accessories:</b>	protective grid
<b>LED lifespan L90B10 [h]:</b>	38000	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Beam angle [°]:</b>	120	<b>Cable length [m]:</b>	0.90
<b>Surge protection [kV]:</b>	10	<b>The number of implement units:</b>	1
<b>Diffuser material:</b>	glass	<b>Warranty [years]:</b>	5
<b>Diffuser type:</b>	transparent	<b>CE certificate:</b>	<a href="#">158/2023</a>
<b>Material of the body:</b>	aluminium	<b>PZH certificate:</b>	<a href="#">B-BK-60212-0480/21</a>
<b>Colour of the body:</b>	anthracite grey	<b>Manual:</b>	<a href="#">Download PDF</a>

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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