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

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Material of the body:

Ingress protection: IP65 Impact resistance: **IK09** Rated power of the luminaire [W]\*: 145 20100 Luminous flux [lm]\*: 4000 Colour temperature [K]: Colour rendering index: 80 SDCM: ≤ 3 **Electrical protection class:** С **Energy efficiency class:** 

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:	698668
Rated power of the luminaire [W]:	145
Luminous flux [lm]:	20100
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]:	139
Energy efficiency class:	С
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 [°]:	120
Surge protection [kV]:	10
Diffuser material:	glass
Diffuser type:	transparent
Material of the body:	aluminium
Colour of the body:	anthracite grey
Dimensions (H/W/T/S) [mm]:	415/424/37

Impact resistance:	IK09
Ingress protection:	IP65
Working temperature [°C]:	from -20 to +35
Lateral surface (SCx) [m2]:	0.180
Motion sensor:	yes
The number of implement units:	1
Mark D:	yes
Net weight [kg]:	5.200
Version:	1xL
Light distribution type:	symmetric
Efficiency of the luminaire:	0.96
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):	816/2025
Manual:	Download PDF
Plik LDT:	Download

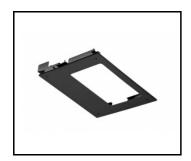


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#### **ACCESSORIES AVAILABLE**

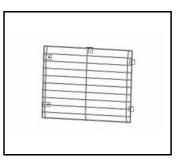
index	Name
699993	QUEST 2 LED M - recessed frame
699986	QUEST 2 LED L - recessed frame
699948	QUEST 2 LED HB L protective grid RAL7016 single suspension
699955	QUEST 2 LED HB M protective grid RAL7016 single suspension
699962	QUEST 2 LED L protective grid RAL7016
699979	QUEST 2 LED M protective grid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



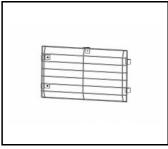
QUEST 2 LED M - recessed frame (699993)



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%

