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

DETAILED CARD





### **TECHNICAL PARAMETERS**

Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	145
Luminous flux [lm]*:	20100
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Electrical protection class:	T
Energy efficiency class:	С
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:	698422	Dimensions (H/W/T/S) [mm]:	415/424/37
Rated power of the luminaire [W]:	145	Impact resistance:	IK09
Luminous flux [lm]:	20100	Ingress protection:	IP66
Supply voltage [V]:	220 - 240	Working temperature [°C]:	from -20 to +35
Frequency [Hz]:	50 - 60	Lateral surface (SCx) [m2]:	0.180
Luminous efficacy [lm/W]:	139	The number of implement units:	1
Energy efficiency class:	С	Mark D:	yes
Electrical protection class:	1	Net weight [kg]:	5.200
Colour temperature [K]:	4000	Version:	1xL
Colour rendering index:	80	Light distribution type:	symmetric
SDCM:	≤ 3	Efficiency of the luminaire:	0.96
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
Beam angle [°]:	120	i notobiological salety.	limitation)
Surge protection [kV]:	10	Warranty [years]:	5
Diffuser material:	glass	CE certificate:	<u>158/2023</u>
Diffuser type:	transparent	PZH certificate:	<u>B-BK-60212-0480/21</u>
Material of the body:	aluminium	Environmental Product Declaration (EPD):	<u>816/2025</u>
Colour of the body:	anthracite grey	Manual:	Download PDF
		Plik LDT:	Download



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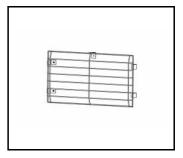
### ACCESSORIES AVAILABLE

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



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CE Certificate CE - Nr: 158/2023



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%

This product is a subject to electric and electronic waste equipment regulations (WEEE).

