QUEST 2 LED ENDURA HB NT 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 14700 Luminous flux [lm]*: 4000 Colour temperature [K]: Colour rendering index: 80 SDCM: ≤ 3 **Electrical protection class:** С **Energy efficiency class:**

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.

APPLICATION

QUEST 2 LED ENDURA is a fitting designed for lighting surfaces with the ambient temperature up to +60°C (eg. for industrial plants or bakeries). The unfavourable conditions of the environment do not have influence on the fitting's reliability and efficacy. In rooms such as cold stores, the requirements for lighting are far from standard. Only the fittings especially suited for working in such conditions can be used in rooms with cold temperatures. is a fitting designed for lighting surfaces with the temperature down to -35°C.



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TECHNICAL PARAMETERS TABLE

Index: 698842		
Luminous flux [Im]: 14700 Supply voltage [V]: 220 - 240 Frequency [Hz]: 50 - 60 Luminous efficacy [Im/W]: 136 Energy efficiency class: C Electrical protection class: I 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 Material of the body: aluminium	Index:	698842
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Frequency [Hz]: 50 - 60 Luminous efficacy [Im/W]: 136 Energy efficiency class: C Electrical protection class: I 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 Material of the body: aluminium	Luminous flux [Im]:	14700
Luminous efficacy [lm/W]: 136 Energy efficiency class: C Electrical protection class: I 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 Material of the body: aluminium	Supply voltage [V]:	220 - 240
Energy efficiency class: C Electrical protection class: I 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 Material of the body: aluminium	Frequency [Hz]:	50 - 60
Electrical protection class: Colour temperature [K]: 4000 80 SDCM: ≤ 3 LED lifespan L70B50 [h]: LED lifespan L80B20 [h]: 79000 LED lifespan L90B10 [h]: 38000 Beam angle [°]: 120 Surge protection [kV]: Diffuser material: Material of the body:	Luminous efficacy [lm/W]:	136
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 Material of the body: aluminium	Energy efficiency class:	С
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 Material of the body: aluminium	Electrical protection class:	1
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 Material of the body: aluminium	Colour temperature [K]:	4000
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 Material of the body: aluminium	Colour rendering index:	80
LED lifespan L80B20 [h]: 79000 LED lifespan L90B10 [h]: 38000 Beam angle [°]: 120 Surge protection [kV]: 10 Diffuser material: glass Material of the body: aluminium	SDCM:	≤3
LED lifespan L90B10 [h]: Beam angle [°]: 120 Surge protection [kV]: Diffuser material: glass Material of the body: aluminium	LED lifespan L70B50 [h]:	125000
Beam angle [°]: 120 Surge protection [kV]: 10 Diffuser material: glass Material of the body: aluminium	LED lifespan L80B20 [h]:	79000
Surge protection [kV]: 10 Diffuser material: glass Material of the body: aluminium	LED lifespan L90B10 [h]:	38000
Diffuser material: glass Material of the body: aluminium	Beam angle [°]:	120
Material of the body: aluminium	Surge protection [kV]:	10
	Diffuser material:	glass
Colour of the body: RAL 7016	Material of the body:	aluminium
	Colour of the body:	RAL 7016

Dimensions (H/W/T/S) [mm]:	321/424/37	
Impact resistance:	IK09	
Ingress protection:	IP66	
Mounting version:	surface	
Working temperature [°C]:	from -35 to +60	
Cable length [m]:	0.70	
Net weight [kg]:	4.200	
Warranty [years]:	5	
Version:	1xM	
The number of implement units:	1	
Additional accessories:	protective grid	
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)	
Warranty [years]:	5	
CE certificate:	<u>159/2023</u>	
PZH certificate:	B-BK-60212-0480/21	
Environmental Product Declaration (EPD):	<u>816/2025</u>	
Manual:	Download PDF	
Plik LDT:	Download	

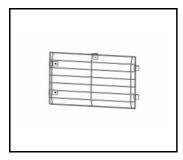


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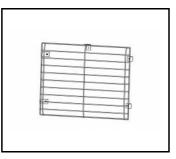
DETAILED CARD

ACCESSORIES AVAILABLE

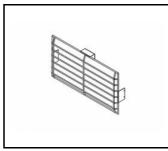
index	Name
559907	QUEST PLUS LED M protective grid RAL9006
559914	QUEST PLUS LED L protective grid RAL9006
559952	QUEST PLUS LED HB M protective grid RAL9006 single suspension
559945	QUEST PLUS LED HB L protective grid RAL9006 single suspension
699993	QUEST 2 LED M - recessed frame
699986	QUEST 2 LED L - recessed frame



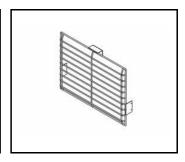
QUEST PLUS LED M protective grid RAL9006 (559907)



QUEST PLUS LED L protective grid RAL9006 (559914)



QUEST PLUS LED HB M protective grid RAL9006 single suspension (559952)



QUEST PLUS LED HB L protective grid RAL9006 single suspension (559945)



QUEST 2 LED M - recessed frame (699993)



QUEST 2 LED L - recessed frame (699986)

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%

