TUBA IP69K ENDURA PMMA 1220MM 9700LM 840 DALI 105D IK05 59W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	013683
Ingress protection:	IP69K
Impact resistance:	IK05
Rated power of the luminaire [W]*:	59
Luminous flux [lm]*:	9700
Colour temperature [K]:	4000
Material of the body:	stainless steel
Diffuser material:	PMMA
Optics material:	PC
Mounting version:	surface, suspended

CHARACTERISTICS

The Tuba IP69K ENDURA is a cylindrical luminaire for special tasks – where other solutions fail. The ENDURA version, with a separate power supply box, is designed for extreme temperature conditions – up to 50 (70) °C. It combines the highest tightness, chemical resistance and mechanical durability. Compliance with the IP69K standard means full protection against dust (IP6X) and complete resistance to water under extremely high pressure (100 bar) at 80°C (IPX9K). This makes the luminaire ideal for areas requiring intensive cleaning, including with strong water jets and detergents. The Tuba IP69K ENDURA is designed to operate in the most demanding conditions. Made of chemically resistant materials: PMMA and extremely resistant borosilicate glass, it ensures exceptional durability even in aggressive industrial environments. The acid-resistant steel end caps eliminate the risk of corrosion, and its resistance to ammonia and animal gases makes it the ideal solution for breeding and processing facilities. Thanks to the use of a decompression valve, the luminaire can easily withstand sudden temperature changes, and the highest impact resistance class IK10 (for the PC version) guarantees reliability in the most difficult operating conditions. The Tuba IP69K ENDURA achieves up to 194 lm/W, meeting the requirements of the highest energy class A. Through-wiring versions, various light distributions and two lengths (630 and 1220 mm) are available. In addition, versions with UGR<19, UGR<22, UGR<25 ensure visual comfort even in demanding applications. Minimalist design, ease of installation and maintenance make the IP69K Tuba a reliable and timeless solution.
UGR < 19
Unified Glare Rating is an indicator of glare. The lower the Unified Glare Rating (UGR), the lower the glare.

APPLICATION

Ideal for places requiring regular high-pressure cleaning, such as car washes, sewage treatment plants, food processing plants and slaughterhouses. It performs excellently in environments with high humidity, extreme negative and positive temperatures, and aggressive vapours – from cold stores and freezers to mushroom farms, animal and plant breeding facilities, and heavy industry. Thanks to its superior chemical, mechanical and thermal resistance, it is a reliable solution for industry.

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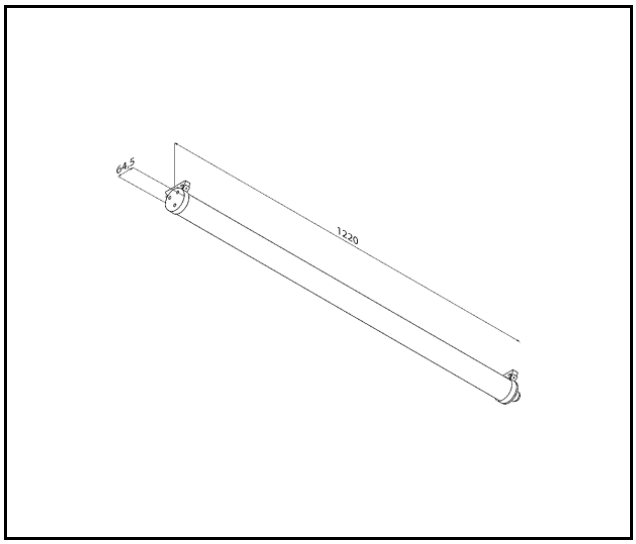
Index:	013683
EAN:	5905963013683
Light source:	LED module
Rated power of the luminaire [W]:	59
Luminous flux [lm]:	9700
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	164
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	125000
LED lifespan L80B10 [h]:	80000
LED lifespan L90B10 [h]:	38000
Beam angle [°]:	105
Surge protection [kV]:	2
Diffuser material:	PMMA
Diffuser colour:	transparent
Optics:	matrix lens
Optics material:	PC

Material of the body:	stainless steel
Dimensions (H/W/T/S) [mm]:	1281/64.5
Mounting dimensions [mm]:	1195.5/195x152
Impact resistance:	IK05
Ingress protection:	IP69K
Mounting version:	surface, suspended
Working temperature [°C]:	from -25 to +50
Tilt angle adjustment [°]:	yes
DIMM DALI:	yes
Wire type:	H05VV-F 5X0,75
Cable length [m]:	1.40
Accessories included:	surface-mounted bracket
Through wiring:	LS1
Number on the palette [pcs]:	20
Net weight [kg]:	3.700
Light distribution type:	symmetric
Warranty [years]:	5
CE certificate:	97/2025
HACCP:	852/2004
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

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DETAILED CARD

TECHNICAL PICTURES



Card creation date: 12 August 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 97/2025

LENA LIGHTING

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