TUBA IP69K PMMA 1220MM 8200LM 840 MW IK05 46W

DETAILED CARD





TECHNICAL PARAMETERS

Index:	777219
Ingress protection:	IP69K
Impact resistance:	IK05
Rated power of the luminaire [W]*:	46
Luminous flux [lm]*:	8200
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Electrical protection class:	1
Energy efficiency class:	В

CHARACTERISTICS

Tuba IP69K is a cylindrical luminaire for special tasks - where other solutions fail. Designed for extreme conditions, it combines superior sealing, chemical resistance and mechanical durability. Meeting the standard for IP69K means full protection against dust (IP6X) and complete resistance to water at extremely high pressure (100 bar) at 80°C (IPX9K). This makes the luminaire ideal for areas requiring intensive cleaning, including with powerful water jets and detergents. The IP69K tube is designed to operate in the most demanding conditions. Made from chemically resistant materials: PMMA and extremely resistant borosilicate glass - ensuring exceptional durability even in aggressive industrial environments. The turned acid-resistant steel endcap eliminates the risk of corrosion, and its resistance to ammonia and zoonotic gases makes it ideal for livestock and processing facilities. Thanks to the decompression valve, the luminaire easily withstands rapid temperature changes, and the highest IK10 impact resistance rating (for the PC version) guarantees reliability in the harshest operating conditions. The IP69K tube achieves up to 194 lm/W, meeting the requirements of the highest energy class A. Through-beam versions, different lens distributions and two lengths (630 and 1220 mm) are available. In addition, versions with UGR<19, UGR<22, UGR<25 provide visual comfort even in demanding applications. Minimalist design, ease of installation and cleanliness make the Tuba IP69K a reliable and timeless solution.

APPLICATION

Ideal for areas requiring regular high-pressure cleaning, such as car washes, sewage treatment plants, food processing plants or slaughterhouses. It excels in environments with high humidity, sub-zero temperatures and aggressive fumes from cold stores and freezers to mushroom, animal and plant farms. Thanks to its superior chemical and mechanical resistance, it is a reliable solution for workshops and service channels. It is also ideal for industrial halls, traffic routes and even as minimalist, decorative general lighting in commercial buildings.



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TECHNICAL PARAMETERS TABLE

Index:	777219
EAN:	5905963777219
Light source:	LED module
Rated power of the luminaire [W]:	46
Luminous flux [Im]:	8200
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	178
Energy efficiency class:	В
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	83000
LED lifespan L90B10 [h]:	40000
Beam angle [°]:	90
Surge protection [kV]:	2
Diffuser material:	PMMA
Diffuser colour:	transparent
Optics:	matrix lens

Material of the body: Dimensions (H/W/T/S) [mm]: Mounting dimensions [mm]: Inpact resistance: Ingress protection: Mounting version: Working temperature [°C]: Tilt angle adjustment [°]: Wire type: H07RN-F 3x1,5 Through wiring: LS1 Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: Manual: Manual: Download PDF	Optics material:	PC
Mounting dimensions [mm]: Impact resistance: Ingress protection: Mounting version: Working temperature [°C]: Tilt angle adjustment [°]: Wire type: HO7RN-F 3x1,5 Through wiring: LS1 Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: MW Warranty [years]: CE certificate: IP69K IK05 IH005 IP69K IP69K Surface, suspended From -25 to +35 yes LG1 Cable length 1.4m Surface-mounted bracket MW Warranty [years]: 5	Material of the body:	stainless steel
Impact resistance: Ingress protection: Mounting version: Working temperature [°C]: Tilt angle adjustment [°]: Wire type: H07RN-F 3x1,5 Through wiring: Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: MW Warranty [years]: Ciphe Microscopic Marcology MW Warranty [years]: Mounting Surface, suspended From -25 to +35 yes Les Through wiring: LS1 Cable length 1.4m Surface-mounted bracket MW Warranty [years]: 5 CE certificate: 11/2025	Dimensions (H/W/T/S) [mm]:	1250/64.5
Ingress protection: Mounting version: Working temperature [°C]: Tilt angle adjustment [°]: Wire type: H07RN-F 3x1,5 Through wiring: LS1 Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: MW Warranty [years]: CE certificate:	Mounting dimensions [mm]:	1195.5
Mounting version: Working temperature [°C]: Tilt angle adjustment [°]: Wire type: H07RN-F 3x1,5 LS1 Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: Warranty [years]: CE certificate: surface, suspended from -25 to +35 yes L98 Ves H07RN-F 3x1,5 LS1 Cable length 1.4m Surface-mounted bracket MW 4.800 MW 5.800 Light distribution type: MW CE certificate: 11/2025	Impact resistance:	IK05
Working temperature [°C]: Tilt angle adjustment [°]: Wire type: H07RN-F 3x1,5 LS1 Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: Warranty [years]: CE certificate: from -25 to +35 yes yes H07RN-F 3x1,5 LS1 Surface-mounted bracket 98 2.800 MW Warranty [years]: 5	Ingress protection:	IP69K
Tilt angle adjustment [°]: Wire type: H07RN-F 3x1,5 Through wiring: LS1 Remarks: Cable length 1.4m Accessories included: Surface-mounted bracket Number on the palette [pcs]: 98 Net weight [kg]: Light distribution type: MW Warranty [years]: CE certificate: 11/2025	Mounting version:	surface, suspended
Wire type: H07RN-F 3x1,5 LS1 Remarks: Cable length 1.4m Accessories included: Surface-mounted bracket Number on the palette [pcs]: 98 Net weight [kg]: Light distribution type: MW Warranty [years]: CE certificate: H07RN-F 3x1,5 LS1 Amble 1.4m Surface-mounted bracket 98 2.800 MW Total Company 1.4m Surface-mounted bracket 11/2025	Working temperature [°C]:	from -25 to +35
Through wiring: Remarks: Cable length 1.4m Accessories included: Surface-mounted bracket Number on the palette [pcs]: 98 Net weight [kg]: Light distribution type: MW Warranty [years]: 5 CE certificate: 11/2025	Tilt angle adjustment [°]:	yes
Remarks: Cable length 1.4m Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: Warranty [years]: CE certificate: Cable length 1.4m surface-mounted bracket 98 2.800 MW 5 CE certificate: 11/2025	Wire type:	H07RN-F 3x1,5
Accessories included: Number on the palette [pcs]: Net weight [kg]: Light distribution type: Warranty [years]: CE certificate: Surface-mounted bracket 98 2.800 MW 5 CE certificate: 11/2025	Through wiring:	LS1
Number on the palette [pcs]: Net weight [kg]: Light distribution type: MW Warranty [years]: CE certificate: 11/2025	Remarks:	Cable length 1.4m
Net weight [kg]: Light distribution type: Warranty [years]: CE certificate: 11/2025	Accessories included:	surface-mounted bracket
Light distribution type: Warranty [years]: CE certificate: MW 5 CE certificate:	Number on the palette [pcs]:	98
Warranty [years]: 5 CE certificate: 11/2025	Net weight [kg]:	2.800
CE certificate: <u>11/2025</u>	Light distribution type:	MW
	Warranty [years]:	5
Manual: Download PDF	CE certificate:	11/2025
	Manual:	Download PDF
Plik LDT: <u>Download</u>	Plik LDT:	Download



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
778254	Tuba IP69K 3P connector set
778261	Connector set Tuba IP69K 5P DALI





Tuba IP69K 3P connector set (778254)

Connector set Tuba IP69K 5P DALI (778261)

Card creation date: 17 February 2025



