## TUBA IP69K PMMA 630MM 2100LM 840 SN IK05 13W

**DETAILED CARD** 





#### **TECHNICAL PARAMETERS**

Index:	77624
Ingress protection:	IP69K
Impact resistance:	IK05
Rated power of the luminaire [W]*:	13
Luminous flux [lm]*:	2100
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:	776243
EAN:	5905963776243
Light source:	LED module
Rated power of the luminaire [W]:	13
Luminous flux [Im]:	2100
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	162
Energy efficiency class:	В
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤3
LED lifespan L70B50 [h]:	139000
LED lifespan L80B20 [h]:	88000
LED lifespan L90B10 [h]:	43000
Beam angle [°]:	65
Surge protection [kV]:	2
Diffuser material:	PMMA
Diffuser colour:	transparent
Optics:	matrix lens

Material of the body: stainless steel   Dimensions (H/W/T/S) [mm]: 660/64.5   Mounting dimensions [mm]: 602.5   Impact resistance: IKO5   Ingress protection: IP69K   Mounting version: surface, suspended   Working temperature [°C]: from -25 to +35   Tilt angle adjustment [°]: yes   Wire type: H07RN-F 3x1,5   Through wiring: LS1   Remarks: Cable length 1.4m   Accessories included: surface-mounted bracket   Number on the palette [pcs]: 154   Net weight [kg]: 1.950   Light distribution type: SN   Warranty [years]: 5   CE certificate: 11/2025   Manual: Download   Plik LDT: Download	Optics material:	PC
Mounting dimensions [mm]:  Impact resistance:  Ingress protection:  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:  Manual:  Mounting:  BOULD SALE SET SET SET SET SET SET SET SET SET SE	Material of the body:	stainless steel
Impact resistance: Ingress protection: 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:  Warranty [years]:  CE certificate:  Manual:  IP69K  BIK05  IP69K  Surface, suspended  from -25 to +35  yes  LS1  Cable length 1.4m  surface-mounted bracket  Number on the palette [pcs]:  154  1.950  SN  Download PDF	Dimensions (H/W/T/S) [mm]:	660/64.5
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:  Warranty [years]:  CE certificate:  Manual:  Download PDF	Mounting dimensions [mm]:	602.5
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:  Manual:  Surface, suspended  from -25 to +35  yes  Light quality (°C):  J54  Net weight 1.4m  Surface-mounted bracket  154  Net weight [kg]:  1.950  SN  Download PDF	Impact resistance:	IK05
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:  Warranty [years]:  CE certificate:  11/2025  Manual:  Meritangle Adjustment [°C]:  Meritangle Adjustment [°]:  Meritangle Adjustment [°]:  Meritangle Adjustment [°]:  Wessel H07RN-F 3x1,5  LS1  LS1  LS1  LS1  Surface-mounted bracket  11/20  SN  SN  Warranty [years]:  Download PDF	Ingress protection:	IP69K
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:  SN  Warranty [years]:  CE certificate:  Manual:  Download PDF	Mounting version:	surface, suspended
Wire type: H07RN-F 3x1,5  Through wiring: LS1  Remarks: Cable length 1.4m  Accessories included: surface-mounted bracket  Number on the palette [pcs]: 154  Net weight [kg]: 1.950  Light distribution type: SN  Warranty [years]: 5  CE certificate: 11/2025  Manual: Download PDF	Working temperature [°C]:	from -25 to +35
Through wiring:  Remarks: Cable length 1.4m  Accessories included: Surface-mounted bracket  Number on the palette [pcs]: 154  Net weight [kg]: Light distribution type: SN  Warranty [years]: 5  CE certificate: 11/2025  Manual: Download PDF	Tilt angle adjustment [°]:	yes
Remarks:  Cable length 1.4m  Accessories included:  Surface-mounted bracket  Number on the palette [pcs]:  154  Net weight [kg]:  Light distribution type:  Warranty [years]:  CE certificate:  11/2025  Manual:  Download PDF	Wire type:	H07RN-F 3x1,5
Accessories included:  Number on the palette [pcs]:  Net weight [kg]:  Light distribution type:  SN  Warranty [years]:  CE certificate:  Manual:  Surface-mounted bracket  154  1.950  SN  5  CD  Download PDF	Through wiring:	LS1
Number on the palette [pcs]: 154  Net weight [kg]: 1.950  Light distribution type: SN  Warranty [years]: 5  CE certificate: 11/2025  Manual: Download PDF	Remarks:	Cable length 1.4m
Net weight [kg]: Light distribution type: SN Warranty [years]: 5 CE certificate: 11/2025 Manual: Download PDF	Accessories included:	surface-mounted bracket
Light distribution type:  Warranty [years]:  CE certificate:  Manual:  Download PDF	Number on the palette [pcs]:	154
Warranty [years]:         5           CE certificate:         11/2025           Manual:         Download PDF	Net weight [kg]:	1.950
CE certificate:         11/2025           Manual:         Download PDF	Light distribution type:	SN
Manual: Download PDF	Warranty [years]:	5
	CE certificate:	11/2025
Plik LDT: Download	Manual:	Download PDF
	Plik LDT:	Download



# **TUBA IP69K PMMA 630MM 2100LM 840 SN IK05 13W**

**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



