# TUBA IP69K PC 1220MM 7100LM 840 LS2 (1F) 105D IK10 46W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 776793 |
| **Ingress protection:** | IP69K |
| **Impact resistance:** | IK10 |
| **Rated power of the luminaire [W]*:** | 46 |
| **Luminous flux [lm]*:** | 7100 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | C |

## 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

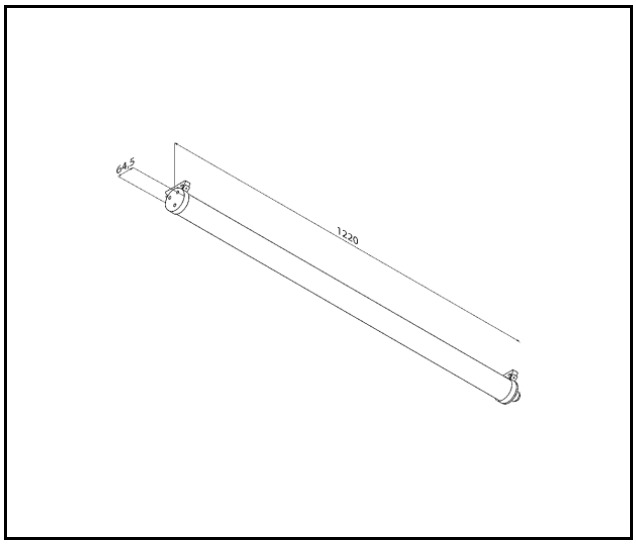
| | |
|---|---|
| **Index:** | 776793 |
| **EAN:** | 5905963776793 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 46 |
| **Luminous flux [lm]:** | 7100 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous efficacy [lm/W]:** | 154 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **LED lifespan L70B50 [h]:** | 132000 |
| **LED lifespan L80B10 [h]:** | 83000 |
| **LED lifespan L90B10 [h]:** | 40000 |
| **Beam angle [°]:** | 105 |
| **Surge protection [kV]:** | 2 |
| **Diffuser material:** | PC |
| **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 |
| **Impact resistance:** | IK10 |
| **Ingress protection:** | IP69K |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | from -40 to +35 |
| **Tilt angle adjustment [°]:** | yes |
| **Wire type:** | H07RN-F 3x1,5 |
| **Through wiring:** | LS2 |
| **Remarks:** | Cable length 2 x 1.4m |
| **Accessories included:** | surface-mounted bracket |
| **Number on the palette [pcs]:** | 98 |
| **Net weight [kg]:** | 2.900 |
| **Light distribution type:** | symmetric |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 11/2025 |
| **HACCP:** | 852/2004 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

# TUBA IP69K PC 1220MM 7100LM 840 LS2 (1F) 105D IK10 46W

DETAILED CARD

**TECHNICAL PICTURES**



# TUBA IP69K PC 1220MM 7100LM 840 LS2 (1F) 105D IK10 46W

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)



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: 11/2025

LENA LIGHTING

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