TYTAN 2 LED BASIC 1450MM 6800LM 840 IP66 LS2 45W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	909931
Ingress protection:	IP66
Impact resistance:	IK09
Rated power of the luminaire [W]*:	45
Luminous flux [lm]*:	6800
Colour temperature [K]:	4000
Energy efficiency class:	C
Material of the body:	PC
Colour of the body:	grey
Diffuser material:	PC

CHARACTERISTICS

TYTAN 2 LED BASIC is a basic line of lighting fixtures which provides an excellent alternative to traditional fluorescent lamps. The lighting fixture has been designed from scratch. TYTAN 2 LED BASIC includes new solutions which improve the light distribution and the temperature balance. The new LED panels ensure high luminous efficacy of <150lm/W. This provides the required level of lighting along with significant energy savings. The lighting fixture includes many improvements which facilitate and speed up the installation process: a solution involving the integration of the diffuser with the LED panel, a diffuser suspension system, and adjustable mounting brackets with an installation tolerance of +/-50 mm. As a standard, the fixture is equipped with robust clips made of stainless steel (INOX). The body of the fixture and the diffuser are resistant to UV radiation.

APPLICATION

The multifunctional LED lamp is designed for use in areas with high requirements for dust and water resistance. Especially recommended for lighting public facilities, including hospitals, educational facilities, halls, garages, passages, warehouses, shops, food industry, commercial and industrial facilities (factories, laboratories), warehouses, parking lots (underground and multi-level) , sports stadiums, transport terminals and underground passages. The luminaire is ideal for new lighting applications as well as replacing traditional fluorescent luminaires with energy-saving LED solutions. Its design is adapted for surface and suspended mounting.

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TECHNICAL PARAMETERS TABLE

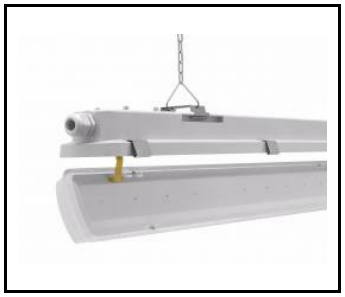
Index:	909931
EAN:	5905963909931
Light source:	LED module
Rated power of the luminaire [W]:	45
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	6800
Luminous efficacy [lm/W]:	151
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.96
Exchangeable source:	yes
Surge protection [kV]:	2
Diffuser material:	PC
Diffuser type:	matt
Material of the body:	PC
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	1432/85/80
Mounting dimensions [mm]:	970
Impact resistance:	IK09

Ingress protection:	IP66
Working temperature [°C]:	from -20 to +35
Through wiring:	LS2
Net weight [kg]:	43832
Category type:	battens
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	103000
LED lifespan L80B10 [h]:	65000
LED lifespan L90B10 [h]:	32000
Category of application:	industrial, commercial facilities
Mark D:	yes
Wire type:	5x2,5
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
CE certificate:	274/2023
ENEC Certificate:	0310/ENEC/23
HACCP:	852/2004
PZH certificate:	B-BK-60112-0280/2025
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015. 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

TECHNICAL DETAILS



regulowane uchwyty / adjustable handles / einstellbare Halterungen



system zwieszania klosza / suspension system of the diffuser / hängende Diffusor



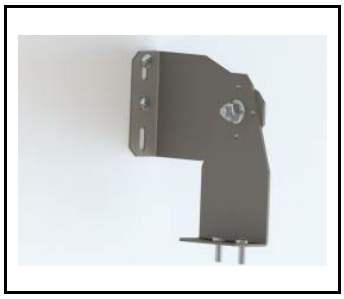
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ACCESSORIES AVAILABLE

index	Name
908200	TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2)
907913	TYTAN LED. ATLAS LED - protective grid 1152mm
907920	TYTAN LED. ATLAS LED - protective grid 1432mm
16000507	Breathable gland gray M20*1.5 IP68
60000006	M16 stuffing box plug various PA black M-16 - BPM-21



TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) (908200)



TYTAN LED. ATLAS LED - protective grid 1152mm (907913)



TYTAN LED. ATLAS LED - protective grid 1432mm (907920)



Breathable gland gray M20*1.5 IP68 (16000507)



M16 stuffing box plug various PA black M-16 - BPM-21 (60000006)

Card creation date: 04 May 2026

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: 274/2023

LENA LIGHTING

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