

TYTAN 2 LED CHEMO 1150MM 7850LM 840 IP66 47W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	942518
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	47
Luminous flux [lm]*:	7850
Colour temperature [K]:	4000
Material of the body:	ABS
Colour of the body:	grey
Diffuser material:	PCT-G
Diffuser type:	matt

CHARACTERISTICS

TYTAN 2 LED CHEMO is a fitting from NEXT GEN line, which is a new generation of fittings in LED technology. The fitting, designed from scratch, allows new solutions improving the light distribution and temperature balance. Branded LED diodes and new LED modules have influence on a very high luminous efficacy: 155 lm/W. It guarantees the best required lighting level and energy saving up to 68%. The solution based on integration of the diffuser and LED module is applied in the fitting. The fitting has a lot of facilities making the mounting easier and faster: the system of diffuser suspension, adjustable mounting brackets ensuring the mounting tolerance +/-50mm. Standard equipment of the fitting: clips made of stainless steel (INOX). Motion sensor mounting height: up to 5 meters.

Diffuser of the luminaire is made of copolyester (PCT-G), characterised by higher resistance to chemicals like, for example, ammonia and chemical disinfectants. As a result, it can be used in a tough chemical environment without any cracks, misting or scratches.

The material of the diffuser is GREENGUARD certified, thus ensuring that the luminaires for indoor use meet strict chemical emission limits, and contributing to healthier indoor environments.

APPLICATION

The multifunction LED lighting fixture is designed for use in areas with high requirements regarding dust tightness and water tightness. Especially recommended for:

- buildings where breeding animals are kept;
- medical rooms where chemical disinfectants are used.

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TECHNICAL PARAMETERS TABLE

Index:	942518	Impact resistance:	IK09
EAN:	5905963942518	Ingress protection:	IP66
Light source:	LED module	Mounting version:	surface, suspended
Nominal power [W]:	47	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	50.76	Net weight [kg]:	1.420
Supply voltage [V]:	220-240	Mark D:	yes
Frequency [Hz]:	50 - 60	Category type:	battens
Luminous flux [lm]:	7850	Category of application:	industrial
Luminous efficacy [lm/W]:	155	AC voltage range [V]:	220 - 240
Energy efficiency class:	C	LED lifespan L70B50 [h]:	109000
Electrical protection class:	I	LED lifespan L80B10 [h]:	69000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	34000
Color rendering index (Ra) >:	80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
SDCM:	3	Warranty [years]:	5
Power factor:	0.96	CE certificate:	132/2023
Exchangeable source:	yes	ENEC Certificate:	0310/ENEC/23
Diffuser material:	PCT-G	HACCP:	852/2004
Diffuser type:	matt	PZH certificate:	B-BK-60112-0280/2025
Material of the body:	ABS	Environmental Product Declaration (EPD):	944/2026
Colour of the body:	grey	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	1152/85/80	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Mounting dimensions [mm]:	800	Pliik LDT:	Download

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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
908200	TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2)
60000006	M16 stuffing box plug various PA black M-16 - BPM-21
80000279	Gland. beam, Codar, soft polyvinyl chloride (PVC-P), gray



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



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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 132/2023