

# TYTAN 2 LED CHEMO 1150MM 7850LM 840 IP66 LS2 (2.5) 47W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	942594
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Nominal power [W]:</b>	47
<b>Luminous flux [lm]*:</b>	7850
<b>Colour temperature [K]:</b>	4000
<b>Material of the body:</b>	ABS
<b>Colour of the body:</b>	grey
<b>Diffuser material:</b>	PCT-G
<b>Diffuser type:</b>	MAT

## 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.

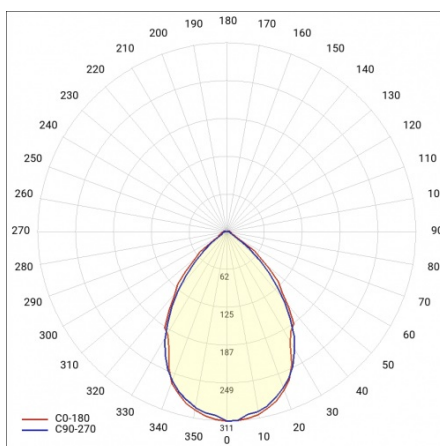
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	47	Colour of the body:	grey
Index:	942594	Mounting dimensions [mm]:	800
EAN:	5905963942594	Impact resistance:	IK09
Colour temperature [K]:	4000	Ingress protection:	IP66
Light source:	LED module	Mounting version:	surface, suspended
Luminous flux [lm]:	7850	Working temperature [°C]:	from -20 to +35
Diffuser type:	MAT	Net weight [kg]:	1.680
Rated power of the luminaire [W]:	50.76	Mark D:	yes
Supply voltage [V]:	220-240	Category type:	battens
Through wiring:	LS2	Category of application:	industrial
Frequency [Hz]:	50 - 60	AC voltage range [V]:	220 - 240
Wire type:	5x2,5	LED lifespan L70B50 [h]:	109000
Dimensions (H/W/T/S) [mm]:	1152/85/80	LED lifespan L80B20 [h]:	69000
Luminous efficacy [lm/W]:	155	LED lifespan L90B10 [h]:	34000
Energy efficiency class:	C	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Electrical protection class:	I	Warranty [years]:	5
Colour rendering index:	>80	CE certificate:	<a href="#">132/2023</a>
SDCM:	≤ 3	HACCP:	<a href="#">852/2004</a>
Power factor:	0.96	Warranty [years]:	5
Exchangeable source:	yes	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PCT-G	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Material of the body:	ABS	PZH certificate:	<a href="#">B-BK-60212-0152/20</a>
		Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



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## 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: 08 January 2025

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