

# TYTAN 2 LED CHEMO 1150MM 4450LM 840 IP66 28W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	942501
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Nominal power [W]:</b>	28
<b>Luminous flux [lm]*:</b>	4550
<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

Index:	942501	Mounting dimensions [mm]:	800
EAN:	5905963942501	Impact resistance:	IK09
Light source:	LED module	Ingress protection:	IP66
Nominal power [W]:	28	Mounting version:	surface, suspended
Rated power of the luminaire [W]:	29.75	Working temperature [°C]:	from -20 to +40
Supply voltage [V]:	220-240	Net weight [kg]:	1.420
Frequency [Hz]:	50 - 60	Mark D:	yes
Luminous flux [lm]:	4550	Category type:	battens
Luminous efficacy [lm/W]:	153	Category of application:	industrial
Energy efficiency class:	C	AC voltage range [V]:	220 - 240
Electrical protection class:	I	LED lifespan L70B50 [h]:	109000
Colour temperature [K]:	4000	LED lifespan L80B20 [h]:	69000
Colour rendering index:	>80	LED lifespan L90B10 [h]:	34000
SDCM:	≤ 3	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Power factor:	0.92	Warranty [years]:	5
Exchangeable source:	yes	CE certificate:	<a href="#">132/2023</a>
Diffuser material:	PCT-G	HACCP:	<a href="#">852/2004</a>
Diffuser type:	MAT	Warranty [years]:	5
Material of the body:	ABS	Manual:	<a href="#">Download PDF</a>
Colour of the body:	grey	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Dimensions (H/W/T/S) [mm]:	1152/85/80	PZH certificate:	<a href="#">B-BK-60212-0152/20</a>

# TYTAN 2 LED CHEMO 1150MM 4450LM 840 IP66 28W

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## ACCESSORIES AVAILABLE

index	Name
60000006	M16 stuffing box plug various PA black M-16 - BPM-21
908231	TYTAN LED - holder
80000279	Gland. beam, Codar, soft polyvinyl chloride (PVC-P), gray



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

Card creation date: 13 June 2023

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