

# TYTAN 2 LED CHEMO 1450MM 5650LM 840 IP66 LS2 (2.5) 35W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	x
Ingress protection:	IP66
Impact resistance:	IK09
Nominal power [W]:	28
Luminous flux [lm]*:	4550 - 11300
Colour temperature [K]:	4000; 6500
Material of the body:	ABS
Colour of the body:	szary
Diffuser material:	PCT-G
Diffuser type:	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:	x	Impact resistance:	IK09
EAN:	x	Ingress protection:	IP66
Light source:	moduł LED	Mounting version:	natynkowy, zwieszany
Nominal power [W]:	28	Working temperature [°C]:	od -20 do +35
Rated power of the luminaire [W]:	29.75; 37.75; 50.76; 74.37	DIMM DALI:	yes
Supply voltage [V]:	220-240	Wire type:	5x1,5; 5x2,5
Frequency [Hz]:	50-60	Through wiring:	LS2
Luminous flux [lm]:	4550 - 11300	Mark D:	yes
Luminous efficacy [lm/W]:	150	Category type:	battens
Energy efficiency class:	B; C	Category of application:	industrial
Electrical protection class:	I	AC voltage range [V]:	220 - 240
Colour temperature [K]:	4000; 6500	LED lifespan L70B50 [h]:	109000
Colour rendering index:	>80	LED lifespan L80B20 [h]:	69000
SDCM:	≤ 3	LED lifespan L90B10 [h]:	34000
Power factor:	0.92; 0.94; 0.96; 0.97	Photobiological safety:	grupa ryzyka 1 (niskie ryzyko)
Exchangeable source:	yes	Warranty [years]:	5
Diffuser material:	PCT-G	CE certificate:	<a href="#">105/2020; 132/2023</a>
Diffuser type:	MAT	HACCP:	<a href="#">852/2004</a>
Material of the body:	ABS	Warranty [years]:	5
Colour of the body:	szary	Manual:	<a href="#">Download PDF</a>
Dimensions (H/W/T/S) [mm]:	1152/85/80; 1432/85/80	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Mounting dimensions [mm]:	800; 970	PZH certificate:	<a href="#">B-BK-60212-0152/20</a>

# TYTAN 2 LED CHEMA 1450MM 5650LM 840 IP66 LS2 (2.5) 35W

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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