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

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	942594
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:	942594
EAN:	5905963942594
Light source:	LED module
Nominal power [W]:	47
Rated power of the luminaire [W]:	50.76
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	7850
Luminous efficacy [lm/W]:	155
Energy efficiency class:	С
Electrical protection class:	1
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.96
Exchangeable source:	yes
Diffuser material:	PCT-G
Diffuser type:	matt
Material of the body:	ABS
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	1152/85/80
Mounting dimensions [mm]:	800
Impact resistance:	IK09

Ingress protection:	IP66
Mounting version:	surface, suspended
Working temperature [°C]:	from -20 to +35
Wire type:	5x2,5
Through wiring:	LS2
Net weight [kg]:	1.680
Mark D:	yes
Category type:	battens
Category of application:	industrial
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	109000
LED lifespan L80B20 [h]:	69000
LED lifespan L90B10 [h]:	34000
Photobiological safety:	RGO - exempt (no photobiological hazard)
Warranty [years]:	5
CE certificate:	132/2023
HACCP:	<u>852/2004</u>
Warranty [years]:	5
Manual:	Download PDF
ENEC Certificate:	0310/ENEC/23
PZH certificate:	B-BK-60112-0280/2025
Plik LDT:	Download



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#### **ACCESSORIES AVAILABLE**

index	Name
908200	TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2)
6000006	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)

