

# TYTAN 2 LED ENDURA PLUS 1450MM 8200LM 840 IP66 LS2 49W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	909870
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Nominal power [W]:</b>	49
<b>Luminous flux [lm]*:</b>	8200
<b>Colour temperature [K]:</b>	4000
<b>Energy efficiency class:</b>	C
<b>Material of the body:</b>	PC
<b>Colour of the body:</b>	grey
<b>Diffuser material:</b>	PC

## CHARACTERISTICS

TYTAN 2 LED ENDURA 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 flux: 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 modul 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). The body of the fixture and the diffuser are resistant to UV radiation.

## APPLICATION

The multifunctional LED lamp is designed for use in areas with high requirements for dust and water resistance. Especially recommended for lighting public facilities, including hospitals, educational facilities, halls, garages, passages, warehouses, shops, food industry, commercial and industrial facilities (factories, laboratories), warehouses, parking lots (underground and multi-level), sports stadiums, transport terminals and underground passages. The luminaire is ideal for new lighting applications as well as replacing traditional fluorescent luminaires with energy-saving LED solutions. Its design is adapted for surface and suspended mounting.

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## TECHNICAL PARAMETERS TABLE

Index:	909870	Wire type:	5x1,5
Light source:	LED module	Through wiring:	LS2
Nominal power [W]:	49	Net weight [kg]:	1.800
Rated power of the luminaire [W]:	53	Category type:	battens
Supply voltage [V]:	220-240	Category of application:	industrial
Frequency [Hz]:	50 - 60	AC voltage range [V]:	198- 264
Luminous flux [lm]:	8200	DC voltage range [V]:	170 - 280
Luminous efficacy [lm/W]:	155	LED lifespan L70B50 [h]:	91000
Energy efficiency class:	C	LED lifespan L80B20 [h]:	57000
Electrical protection class:	I	LED lifespan L90B10 [h]:	28000
Colour temperature [K]:	4000	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Colour rendering index:	>80	Version:	PLUS
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.96	Warranty [years]:	5
Diffuser material:	PC	CE certificate:	<a href="#">131/2023</a>
Diffuser type:	MAT	PZH certificate:	<a href="#">B-BK-60212-0152/20</a>
Material of the body:	PC	HACCP:	<a href="#">852/2004</a>
Colour of the body:	grey	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Dimensions (H/W/T/S) [mm]:	1432/85/80	Manual:	<a href="#">Download PDF</a>
Impact resistance:	IK09	Lumen maintenance after 50000h:	84
Ingress protection:	IP66	Lumen maintenance after 75000h:	77
Mounting version:	surface, suspended	Lumen maintenance after 100000h:	70
Working temperature [°C]:	from -40 to +60		

## LIGHT CURVES



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## TECHNICAL DETAILS



regulowane uchwyty / adjustable  
handles / einstellbare Halterungen



system zwieszania klosza / suspension  
system of the diffuser / hängende  
Diffusor



wybór miejsca zasilania / choosing a  
place of power supply /  
Stromversorgungsanschluss von  
mehreren Seite möglich

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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: 19 August 2024

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: 131/2023