

# 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.

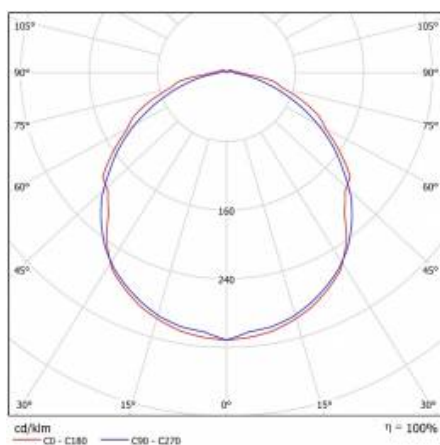
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## TECHNICAL PARAMETERS TABLE

Index:	909870	Through wiring:	LS2
Light source:	LED module	Net weight [kg]:	1.800
Nominal power [W]:	49	Category type:	battens
Rated power of the luminaire [W]:	53	Category of application:	industrial
Supply voltage [V]:	220-240	AC voltage range [V]:	198 - 264
Frequency [Hz]:	50 - 60	DC voltage range [V]:	170 - 280
Luminous flux [lm]:	8200	LED lifespan L70B50 [h]:	91000
Luminous efficacy [lm/W]:	155	LED lifespan L80B10 [h]:	57000
Energy efficiency class:	C	LED lifespan L90B10 [h]:	28000
Electrical protection class:	I	Version:	PLUS
Colour temperature [K]:	4000	Lumen maintenance after 50000h:	84
Color rendering index (Ra) >:	80	Lumen maintenance after 75000h:	77
SDCM:	3	Lumen maintenance after 100000h:	70
Power factor:	0.96	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser material:	PC	Warranty [years]:	5
Diffuser type:	matt	CE certificate:	<a href="#">131/2023</a>
Material of the body:	PC	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Colour of the body:	grey	HACCP:	<a href="#">852/2004</a>
Dimensions (H/W/T/S) [mm]:	1432/85/80	PZH certificate:	<a href="#">B-BK-60112-0280/2025</a>
Impact resistance:	IK09	Environmental Product Declaration (EPD):	<a href="#">944/2026</a>
Ingress protection:	IP66	Manual:	<a href="#">Download PDF</a>
Mounting version:	surface, suspended	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Working temperature [°C]:	from -40 to +60	Pliik LDT:	<a href="#">Download</a>
Wire type:	5x1,5		

## 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: 04 May 2026

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