

# TYTAN 2 LED 1150MM 7850LM 840 IP66 LS2 (2,5) 47W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	941146
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Nominal power [W]:</b>	47
<b>Luminous flux [lm]*:</b>	7850
<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 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). 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.

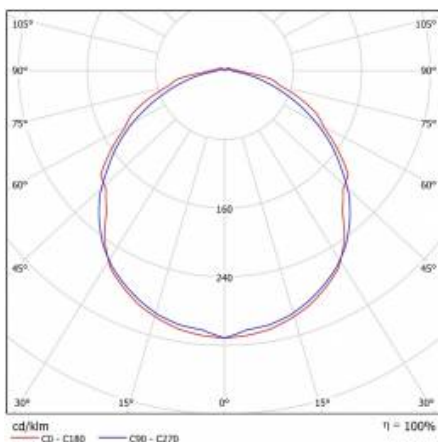
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## TECHNICAL PARAMETERS TABLE

Index:	941146	Wire type:	5x2,5
EAN:	5905963941146	Through wiring:	LS2
Light source:	LED module	Number on the palette [pcs]:	100
Nominal power [W]:	47	Net weight [kg]:	1.680
Rated power of the luminaire [W]:	50.76	Mark D:	yes
Supply voltage [V]:	220-240	Category type:	battens
Frequency [Hz]:	50 - 60	Category of application:	industrial
Luminous flux [lm]:	7850	AC voltage range [V]:	220 - 240
Luminous efficacy [lm/W]:	155	LED lifespan L70B50 [h]:	109000
Energy efficiency class:	C	LED lifespan L80B10 [h]:	69000
Electrical protection class:	I	LED lifespan L90B10 [h]:	34000
Colour temperature [K]:	4000	ETIM class:	EC000109
Color rendering index (Ra) >:	80	The number of implement units:	1
SDCM:	3	Lumen maintenance after 50000h:	84
Power factor:	0.96	Lumen maintenance after 75000h:	77
Exchangeable source:	yes	Lumen maintenance after 100000h:	70
Diffuser material:	PC	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser type:	mat	Technical Warranty:	5
Material of the body:	PC	CE certificate:	<a href="#">127/2023</a>
Colour of the body:	grey	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Dimensions (H/W/T/S) [mm]:	1152/85/80	HACCP:	<a href="#">852/2004</a>
Mounting dimensions [mm]:	800	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 -20 to +35	Plik LDT:	<a href="#">Download</a>

## 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
941375	TYTAN 2 LED 1150mm 2650lm 840 - lighting module
941382	TYTAN 2 LED 1150mm 4550lm 840 - lighting module
941405	TYTAN 2 LED 1450mm 5650lm 840 - lighting module
941412	TYTAN 2 LED 1450mm 7050lm 840 - lighting module
941429	TYTAN 2 LED 1450mm 11300lm 840 - lighting module
941856	TYTAN 2 LED 1150mm 2450lm 830 - lighting module
941863	TYTAN 2 LED 1150mm 4150lm 830 - lighting module
941870	TYTAN 2 LED 1150mm 7300/8400lm 830 - lighting module
941887	TYTAN 2 LED 1450mm 5250lm 830 - lighting module
941894	TYTAN 2 LED 1450mm 6550lm 830 - lighting module
941900	TYTAN 2 LED 1450mm 10500lm 830 - lighting module
942358	TYTAN 2 LED 1150mm 2650lm 850 - lighting module
942365	TYTAN 2 LED 1150mm 4550lm 850 - lighting module
942372	TYTAN 2 LED 1150mm 7850/9050lm 850 - lighting module
942389	TYTAN 2 LED 1450mm 5650lm 850 - lighting module
942396	TYTAN 2 LED 1450mm 7050lm 850 - lighting module
942402	TYTAN 2 LED 1450mm 11300lm 850 - lighting module



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: 127/2023