

# TYTAN LED PRO 1150MM 8700LM 840 IP65 DALI (47W) PIR BT

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	552663
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK09
<b>Nominal power [W]:</b>	47
<b>Luminous flux [lm]*:</b>	8700
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	B
<b>Material of the body:</b>	PC

## CHARACTERISTICS

TYTAN LED PRO 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: up to 178 lm/W. It guarantees the best required lighting level and energy saving. The solution based on integration of the diffuser and LED panel 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.

## 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:	552663	Colour of the body:	grey
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	1237/85/80
Nominal power [W]:	47	Impact resistance:	IK09
Rated power of the luminaire [W]:	50	Ingress protection:	IP66
Frequency [Hz]:	50 - 60	Mounting version:	surface, suspended
Luminous flux [lm]:	8700	Working temperature [°C]:	from -20 to +40
Luminous efficacy [lm/W]:	172	DIMM DALI:	yes
Energy efficiency class:	B	Mark D:	yes
Electrical protection class:	I	AC voltage range [V]:	220 - 240
Colour temperature [K]:	4000	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Colour rendering index:	>80	Supply voltage [V]:	220-240
SDCM:	≤ 3	Net weight [kg]:	2.040
LED lifespan L70B50 [h]:	177000	PIR:	yes
LED lifespan L80B20 [h]:	111000	Control:	Bluetooth MESH
LED lifespan L90B10 [h]:	53000	Warranty [years]:	5
Exchangeable source:	yes	CE certificate:	<a href="#">79/2023</a>
Diffuser material:	PC	PZH certificate:	<a href="#">B-BK-60212-0152/20</a>
Diffuser type:	MAT	HACCP:	<a href="#">852/2004</a>
Diffuser colour:	white	Manual:	<a href="#">Download PDF</a>
Optics material:	PC	ENEC Certificate:	<a href="#">0310/ENEC/23</a>
Material of the body:	PC		

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## ACCESSORIES AVAILABLE

index	Name
908200	TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2)
907913	TYTAN LED. ATLAS LED - protective grid 1152mm
907920	TYTAN LED. ATLAS LED - protective grid 1432mm
16000507	Breathable gland gray M20*1.5 IP68
358937	TYTAN MULTI LED 1150mm 2500-4300lm 840 - lighting module
358944	TYTAN MULTI LED 1150mm 5000-8700lm 840 - lighting module
358951	TYTAN MULTI LED 1450mm 3150-5450lm 840 - lighting module
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)



TYTAN LED. ATLAS LED - protective grid 1152mm (907913)



TYTAN LED. ATLAS LED - protective grid 1432mm (907920)



Breathable gland gray M20\*1.5 IP68 (16000507)



TYTAN MULTI LED 1150mm 2500-4300lm 840 - lighting module (358937)



TYTAN MULTI LED 1150mm 5000-8700lm 840 - lighting module (358944)



TYTAN MULTI LED 1450mm 3150-5450lm 840 - lighting module (358951)



M16 stuffing box plug various PA black M-16 - BPM-21 (60000006)

Card creation date: 08 January 2025

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: 79/2023