TYTAN 2 LED IOT BT PIR HYT DALI 1260MM 7850LM 850 IP65 (47W)

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	47
Ingress protection:	IP65
Impact resistance:	IK09
Luminous flux [lm]*:	7850
Colour temperature [K]:	5000
Electrical protection class:	I
Energy efficiency class:	C
Material of the body:	PC
Colour of the body:	grey

CHARACTERISTICS

Tytan 2 LED IoT - smart industrial lamp. The innovative Tytan 2 LED IoT lamp is an advanced lighting solution that combines the latest LED technology with intelligent control functions. Designed for maximum efficiency. Key benefits: exceptional luminous efficacy: 155 lm/W, energy savings of up to 68%, integrated diffuser with LED module, warranty of up to 5 years, UV-resistant design, easy installation with +/-50 mm adjustment, high-quality stainless steel (INOX) clips.**IoT characteristics**The **IoT BT PIR HYT DALI** version has: a built-in**BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time, **PIR** motion and daylight sensor and**DALI** driver for dimming the light source. Each version of the lamp can operate autonomously without an external control system, providing the flexibility to adapt the lighting to individual needs. Integrated communication modules enable remote management of operating parameters, while optional motion and light sensors further optimise energy consumption.

APPLICATION

Multifunctional LED lamp is designed for use in areas with high requirements for dustproof and waterproof. Particularly recommended for illuminating public facilities including educational and educational hospital facilities, halls, garages, passageways, warehouses, stores, food industry and food commodity-related commercial and service facilities, industrial facilities (factories, laboratories), warehouses, parking lots (underground and multi-level), sports stadiums, transport terminals and underground passageways. TYTAN 2 LED IoT will work especially well in facilities with access to sunlight by reducing the energy required for lighting. Thanks to the built-in motion sensor, the lamp will also be ideal in places where the light can only burn when a person is present. The lamp is ideal for new lighting applications, as well as replacing traditional fluorescent fixtures with energy-efficient LED solutions. Its design is suitable for surface and pendant mounting.

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TECHNICAL PARAMETERS TABLE

Index:	508745
EAN:	5905963508745
Light source:	LED module
Nominal power [W]:	47
Luminous flux [lm]:	7850
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	155
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	5000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	109000
LED lifespan L80B10 [h]:	69000
LED lifespan L90B10 [h]:	34000
Beam angle [°]:	120
Exchangeable source:	yes
Diffuser material:	PC
Diffuser type:	matt

Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	1259/85/80
Mounting dimensions [mm]:	800
Impact resistance:	IK09
Ingress protection:	IP65
Mounting version:	surface, suspended
Working temperature [°C]:	from -20 to +35
PIR:	yes
DIMM DALI:	yes
Version:	BT PIR HYT DALI
Number on the palette [pcs]:	100
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
CE certificate:	443/2023
HACCP:	852/2004
PZH certificate:	B-BK-60112-0280/2025
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015. 14001:2015, 45001:2018, 50001:2018

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 443/2023

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