TYTAN 2 LED IOT BT HYT DALI 1450MM 6550LM 830 IP65 (42W)

DETAILED CARD



TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	42
Ingress protection:	IP65
Impact resistance:	IK09
Luminous flux [lm]*:	6550
Colour temperature [K]:	3000
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 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, and a **DALI** driver that allows you to dim 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:	680304
EAN:	5905963680304
Light source:	LED module
Nominal power [W]:	42
Luminous flux [lm]:	6550
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	145
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	116000
LED lifespan L80B10 [h]:	73000
LED lifespan L90B10 [h]:	35000
Beam angle [°]:	120
Exchangeable source:	yes
Diffuser material:	PC

Diffuser type:	matt
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	1432/85/80
Mounting dimensions [mm]:	970
Impact resistance:	IK09
Ingress protection:	IP65
Mounting version:	surface, suspended
Working temperature [°C]:	from -20 to +35
DIMM DALI:	yes
Version:	BT 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

LENA LIGHTING

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