# TYTAN 2 LED IOT BT PIR HYT DALI 1260MM 7850LM 840 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]:** | 4000 |
| **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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| | |
|---|---|
| **Index:** | 508738 |
| **EAN:** | 5905963508738 |
| **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]:** | 4000 |
| **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 -25 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

LENA LIGHTING
Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl