

# TYTAN 2 LED IOT BT HYT DALI 1450MM 7050LM 840 IP65 (42W)

DETAILED CARD



## TECHNICAL PARAMETERS

Light source:	LED module
Nominal power [W]:	42
Ingress protection:	IP65
Impact resistance:	IK09
Luminous flux [lm]*:	7050
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 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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Index:	680311	Diffuser type:	matt
EAN:	5905963680311	Colour of the body:	grey
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	1432/85/80
Nominal power [W]:	42	Mounting dimensions [mm]:	970
Luminous flux [lm]:	7050	Impact resistance:	IK09
Supply voltage [V]:	220-240	Ingress protection:	IP65
Frequency [Hz]:	50-60	Mounting version:	surface, suspended
Luminous efficacy [lm/W]:	156	Working temperature [°C]:	from -20 to +35
Energy efficiency class:	C	DIMM DALI:	yes
Electrical protection class:	I	Version:	BT HYT DALI
Colour temperature [K]:	4000	Number on the palette [pcs]:	100
Color rendering index (Ra) >:	80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
SDCM:	3	Warranty [years]:	5
LED lifespan L70B50 [h]:	116000	CE certificate:	<a href="#">443/2023</a>
LED lifespan L80B10 [h]:	73000	HACCP:	<a href="#">852/2004</a>
LED lifespan L90B10 [h]:	35000	PZH certificate:	<a href="#">B-BK-60112-0280/2025</a>
Beam angle [°]:	120	Environmental Product Declaration (EPD):	<a href="#">944/2026</a>
Exchangeable source:	yes	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PC	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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr. 443/2023