

# TYTAN 2 LED IOT

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Nominal power [W]:</b>	16.00 - 69.00
<b>Ingress protection:</b>	IP65; IP66
<b>Impact resistance:</b>	IK09
<b>Luminous flux [lm]*:</b>	2450 - 11300
<b>Electrical protection class:</b>	I
<b>Energy efficiency class:</b>	C
<b>Diffuser material:</b>	PC
<b>Working temperature [°C]:</b>	from -20 to +35; from -25 to +35
<b>Supply voltage [V]:</b>	220-240
<b>Frequency [Hz]:</b>	50-60
<b>Dimensions (H/W/T/S) [mm]:</b>	1152/85/80 - 1539/85/80
<b>Mounting dimensions [mm]:</b>	800; 970

## 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

Variants available:

**IoT BT HYT DALI** - HYT Bluetooth module controlled in the Lena Lighting Clue app, DALI driver allowing dimming of the light source.

**IoT BT PIR HYT DALI** - HYT Bluetooth module controlled in the Lena Lighting Clue app, PIR motion and light sensor, DALI driver allowing dimming of the light source.

**IoT RC PIR HYT** - PIR motion and light sensor programmable via RC remote control and ON/OFF driver without light source dimming function.

**IoT RC PIR HYT DALI** - features: a PIR motion and light sensor programmed via the RC remote control and a DALI driver allowing dimming of 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.

# TYTAN 2 LED IOT

## GENERAL CARD

## AVAILABLE VERSIONS



Click index >>, to see details

### TYTAN 2 LED IoT 1152/85/80mm

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
16	3000	2450			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680212</a>
16	4000	2650			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680229</a>
16	5000	2650			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680236</a>
28	3000	4150			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680243</a>
28	4000	4550			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680250</a>
28	5000	4550			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680267</a>
47	3000	7300			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680335</a>
47	4000	7850			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680342</a>
47	5000	7850			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680359</a>
55	3000	8400			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680366</a>
55	4000	9050			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680373</a>
55	5000	9050			yes	BT HYT DALI	1152/85/80	<a href="#">&gt;&gt; 680380</a>

### TYTAN 2 LED IoT 1259/85/80mm

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
16	3000	2450	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508660</a>
16	3000	2450	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680007</a>
16	3000	2450	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680427</a>
16	4000	2650	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508677</a>
16	4000	2650	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680014</a>
16	4000	2650	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680434</a>
16	5000	2650	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508684</a>
16	5000	2650	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680021</a>
16	5000	2650	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680441</a>
28	3000	4150	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508691</a>
28	3000	4150	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680038</a>
28	3000	4150	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680458</a>
28	4000	4550	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508707</a>
28	4000	4550	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680045</a>
28	4000	4550	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680465</a>
28	5000	4550	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508714</a>
28	5000	4550	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680052</a>
28	5000	4550	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680472</a>
47	3000	7300	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508721</a>

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Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
47	3000	7300	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680120</a>
47	3000	7300	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680540</a>
47	4000	7850	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508738</a>
47	4000	7850	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680137</a>
47	4000	7850	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680557</a>
47	5000	7850	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508745</a>
47	5000	7850	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680144</a>
47	5000	7850	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680564</a>
55	3000	8400	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508752</a>
55	3000	8400	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680151</a>
55	3000	8400	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680571</a>
55	4000	9050	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508769</a>
55	4000	9050	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680168</a>
55	4000	9050	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680588</a>
55	5000	9050	yes		yes	BT PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 508776</a>
55	5000	9050	yes		yes	RC PIR HYT DALI	1259/85/80	<a href="#">&gt;&gt; 680175</a>
55	5000	9050	yes			RC PIR HYT	1259/85/80	<a href="#">&gt;&gt; 680595</a>

## TYTAN 2 LED IoT 1432/85/80mm

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
35	3000	5250			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680274</a>
35	4000	5650			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680281</a>
35	5000	5650			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680298</a>
42	3000	6550			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680304</a>
42	4000	7050			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680311</a>
42	5000	7050			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680328</a>
69	3000	10500			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680397</a>
69	4000	11300			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680403</a>
69	5000	11300			yes	BT HYT DALI	1432/85/80	<a href="#">&gt;&gt; 680410</a>

## TYTAN 2 LED IoT 1539/85/80mm

Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
35	3000	5250	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508813</a>
35	3000	5250	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680069</a>
35	3000	5250	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680489</a>
35	4000	5650	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508820</a>
35	4000	5650	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680076</a>
35	4000	5650	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680496</a>
35	5000	5650	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508837</a>
35	5000	5650	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680083</a>

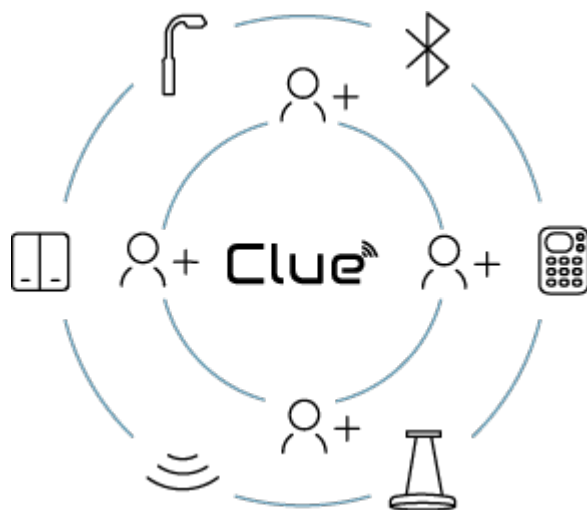
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Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
35	5000	5650	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680502</a>
42	3000	6550	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508844</a>
42	3000	6550	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680090</a>
42	3000	6550	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680519</a>
42	4000	7050	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508851</a>
42	4000	7050	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680106</a>
42	4000	7050	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680526</a>
42	5000	7050	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508868</a>
42	5000	7050	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680113</a>
42	5000	7050	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680533</a>
69	3000	10500	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508783</a>
69	3000	10500	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680182</a>
69	3000	10500	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680601</a>
69	4000	11300	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508790</a>
69	4000	11300	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680199</a>
69	4000	11300	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680618</a>
69	5000	11300	yes		yes	BT PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 508806</a>
69	5000	11300	yes		yes	RC PIR HYT DALI	1539/85/80	<a href="#">&gt;&gt; 680205</a>
69	5000	11300	yes			RC PIR HYT	1539/85/80	<a href="#">&gt;&gt; 680625</a>

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GENERAL CARD



## Generuj oszczędności



Efektywnie zarządzaj energią elektryczną dzięki funkcjom automatyzacji, jak inteligentne sceny, czujniki ruchu i automatyczne ściemnianie i wyłączenie oświetlenia, gdy nie jest konieczne.

## Łącz modularnie elementy IoT



W systemie Lena Lighting Clue wszystkie komponenty z „BT HYT” w nazwie mogą się ze sobą komunikować przez Bluetooth SIG Mesh i są widoczne w aplikacji LL Clue.

## Rozbuduj system niezależnie od miejsca



Z systemem Clue inteligentnie rozświetlisz takie miejsca jak: biura i sale konferencyjne, magazyny i hale produkcyjne, hotele i restauracje, sklepy i galerie handlowe, drogi i parki.

## Lena Lighting Clue

Bezprzewodowy system sterowania oświetleniem, który wykorzystuje technologię Bluetooth Mesh 5.0, zapewniając pełną kontrolę nad światłem w Twojej przestrzeni. Intuicyjna aplikacja i zaawansowane funkcje systemu Clue ułatwiają zarządzanie oświetleniem na drogach, w parkach, biurach, magazynach i innych przestrzeniach użytkowych.

## Nie martw się o dane



BT Mesh oferuje zaawansowane bezpieczeństwo sieci dzięki szyfrowaniu end-to-end, uwierzytelnianiu urządzeń oraz unikalnym kluczom dla każdej warstwy komunikacji.

## Steruj i programuj z dowolnego miejsca



Dzięki użyciu opcjonalnej bramki dostępu możesz sterować i monitorować zużycie energii swojego oświetlenia z dowolnego miejsca.

Card creation date: 10 March 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: 443/2023

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Tytan 2 LED IoT - explanation of the different versions:

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.

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.

RC PIR HYT version has: PIR motion and daylight sensor programmable by RC remote control and ON/OFF driver without dimming function of the light source.

RC PIR HYT DALI version has: PIR motion and daylight sensor programmable by the RC remote control and DALI driver driver enabling dimming of the light source.