TYTAN 2 LED IOT

GENERAL CARD



TECHNICAL PARAMETERS

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

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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	>> 680212
16	4000	2650			yes	BT HYT DALI	1152/85/80	>> 680229
16	5000	2650			yes	BT HYT DALI	1152/85/80	>> 680236
28	3000	4150			yes	BT HYT DALI	1152/85/80	>> 680243
28	4000	4550			yes	BT HYT DALI	1152/85/80	>> 680250
28	5000	4550			yes	BT HYT DALI	1152/85/80	>> 680267
47	3000	7300			yes	BT HYT DALI	1152/85/80	>> 680335
47	4000	7850			yes	BT HYT DALI	1152/85/80	>> 680342
47	5000	7850			yes	BT HYT DALI	1152/85/80	>> 680359
55	3000	8400			yes	BT HYT DALI	1152/85/80	>> 680366
55	4000	9050			yes	BT HYT DALI	1152/85/80	>> 680373
55	5000	9050			yes	BT HYT DALI	1152/85/80	>> 680380

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	>> 508660
16	3000	2450	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680007
16	3000	2450	yes			RC PIR HYT	1259/85/80	>> 680427
16	4000	2650	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508677
16	4000	2650	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680014
16	4000	2650	yes			RC PIR HYT	1259/85/80	>> 680434
16	5000	2650	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508684
16	5000	2650	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680021
16	5000	2650	yes			RC PIR HYT	1259/85/80	>> 680441
28	3000	4150	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508691
28	3000	4150	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680038
28	3000	4150	yes			RC PIR HYT	1259/85/80	>> 680458
28	4000	4550	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508707
28	4000	4550	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680045
28	4000	4550	yes			RC PIR HYT	1259/85/80	>> 680465
28	5000	4550	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508714
28	5000	4550	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680052
28	5000	4550	yes			RC PIR HYT	1259/85/80	>> 680472
47	3000	7300	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508721

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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	>> 680120
47	3000	7300	yes			RC PIR HYT	1259/85/80	>> 680540
47	4000	7850	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508738
47	4000	7850	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680137
47	4000	7850	yes			RC PIR HYT	1259/85/80	>> 680557
47	5000	7850	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508745
47	5000	7850	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680144
47	5000	7850	yes			RC PIR HYT	1259/85/80	>> 680564
55	3000	8400	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508752
55	3000	8400	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680151
55	3000	8400	yes			RC PIR HYT	1259/85/80	>> 680571
55	4000	9050	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508769
55	4000	9050	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680168
55	4000	9050	yes			RC PIR HYT	1259/85/80	>> 680588
55	5000	9050	yes		yes	BT PIR HYT DALI	1259/85/80	>> 508776
55	5000	9050	yes		yes	RC PIR HYT DALI	1259/85/80	>> 680175
55	5000	9050	yes			RC PIR HYT	1259/85/80	>> 680595

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	>> 680274
35	4000	5650			yes	BT HYT DALI	1432/85/80	>> 680281
35	5000	5650			yes	BT HYT DALI	1432/85/80	>> 680298
42	3000	6550			yes	BT HYT DALI	1432/85/80	>> 680304
42	4000	7050			yes	BT HYT DALI	1432/85/80	>> 680311
42	5000	7050			yes	BT HYT DALI	1432/85/80	>> 680328
69	3000	10500			yes	BT HYT DALI	1432/85/80	>> 680397
69	4000	11300			yes	BT HYT DALI	1432/85/80	>> 680403
69	5000	11300			yes	BT HYT DALI	1432/85/80	>> 680410

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	>> 508813
35	3000	5250	yes		yes	RC PIR HYT DALI	1539/85/80	>> 680069
35	3000	5250	yes			RC PIR HYT	1539/85/80	>> 680489
35	4000	5650	yes		yes	BT PIR HYT DALI	1539/85/80	>> 508820
35	4000	5650	yes		yes	RC PIR HYT DALI	1539/85/80	>> 680076
35	4000	5650	yes			RC PIR HYT	1539/85/80	>> 680496
35	5000	5650	yes		yes	BT PIR HYT DALI	1539/85/80	>> 508837
35	5000	5650	yes		yes	RC PIR HYT DALI	1539/85/80	>> 680083

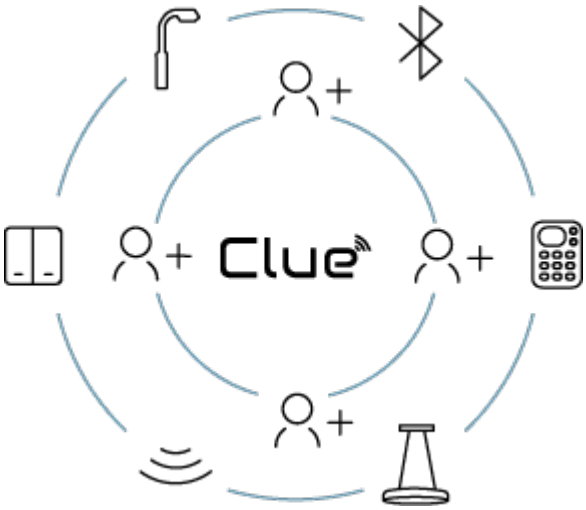
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Nominal power [W]	Colour temperature [K]	Luminous flux [lm]*	PIR	Motion sensor	DIMM DALI	Version	Dimensions (H/W/T/S) [mm]	Index
35	5000	5650	yes			RC PIR HYT	1539/85/80	>> 680502
42	3000	6550	yes		yes	BT PIR HYT DALI	1539/85/80	>> 508844
42	3000	6550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

TYTAN 2 LED IOT

GENERAL CARD



Generuj oszczędności

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

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.

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.

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.

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.

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: 25 June 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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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.