



INDUSTRY

# The most robust hermetic luminaires on the market

Recognised and tested for years. Now even more effective.

Family  
TYTAN LED



# TYTAN family

## Efficiency<sup>2</sup>

- High energy efficiency up to 86%; luminous efficiency
- Simplified and faster mounting: diffuser suspension system, quick connector, RAPID-A/D, through-wiring
  - Intelligent lighting control: RCR, DIMM-DALI
- The highest ingress protection and resistance to mechanical damage
- Warranty up to 5 years, PZH and HACCP certificates

“

### Designer says:

Designing the second generation of successful luminaires has been a big challenge I had to face.

Customer expectations for the product are huge. Quality, energy efficiency, safety and ergonomics are not enough. These were provided by the first generation of Tytan Led. The next one must bring added value.

In the course of research and searching for the best solutions – with the use of more effective LEDs – I was able to obtain greater efficiency and luminous flux at the same power. As a result, the customer will receive a product that is proven and appreciated on the market with even better parameters and savings in the operation process.

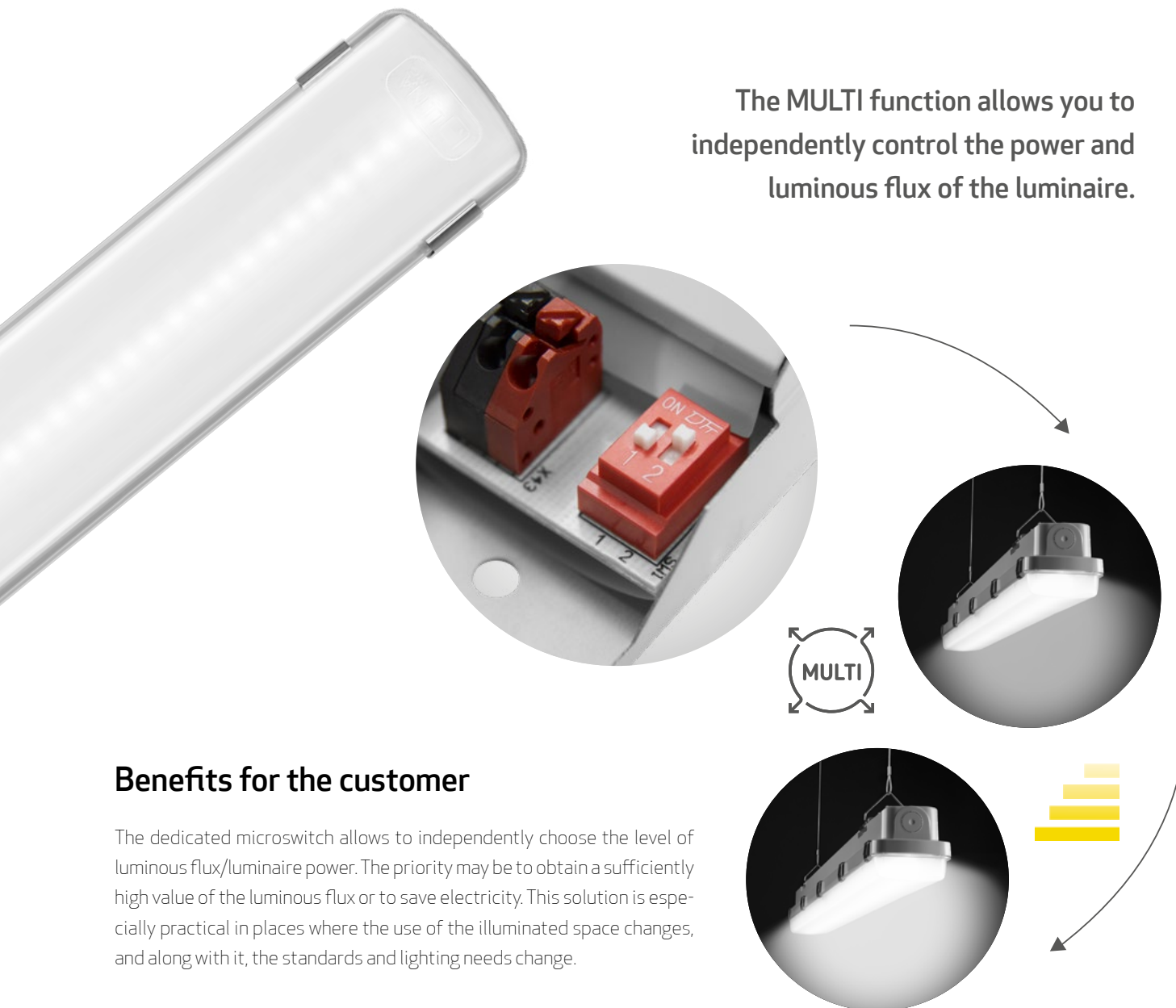
Michał Jaraczewski  
Luminaire designer, R&D

# Efficiency and innovation



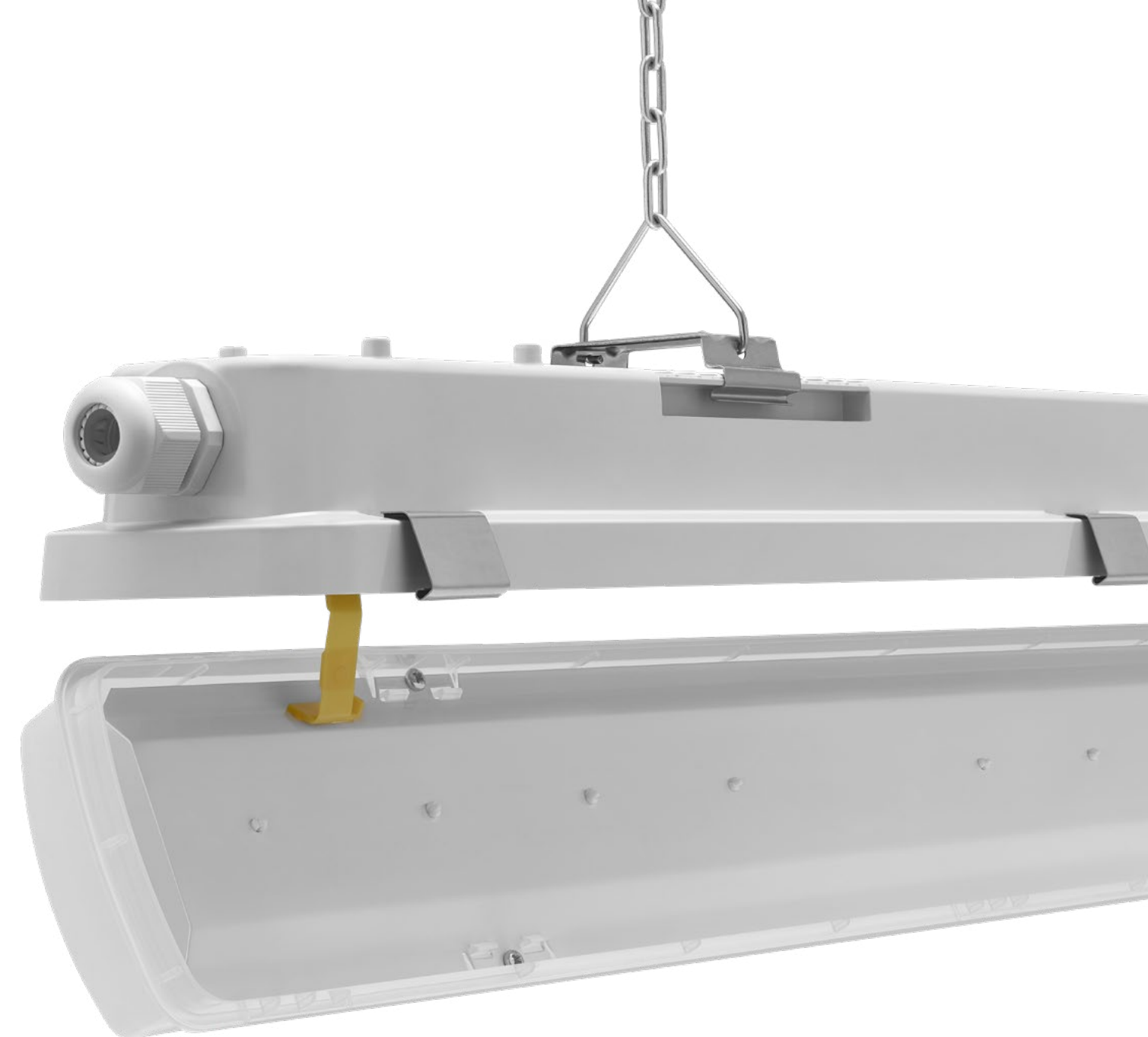
Non-standard solutions that allow the customer to make even better use of the luminaire's capabilities and adjust it to the dedicated space are the result of thinking and designing focused on the satisfaction and benefits of the investor, contractor and user of the product.

The MULTI function allows you to independently control the power and luminous flux of the luminaire.



## Benefits for the customer

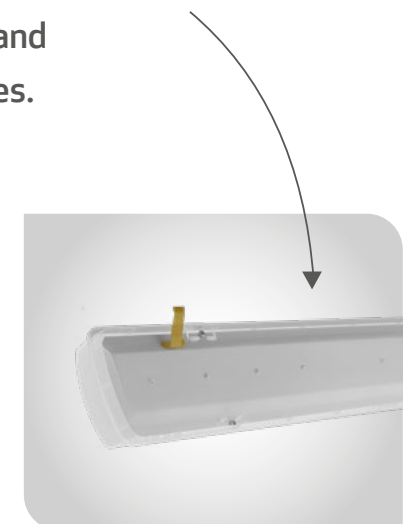
The dedicated microswitch allows to independently choose the level of luminous flux/luminaire power. The priority may be to obtain a sufficiently high value of the luminous flux or to save electricity. This solution is especially practical in places where the use of the illuminated space changes, and along with it, the standards and lighting needs change.



Possibility to order and replace LED modules.

## Benefits for the customer

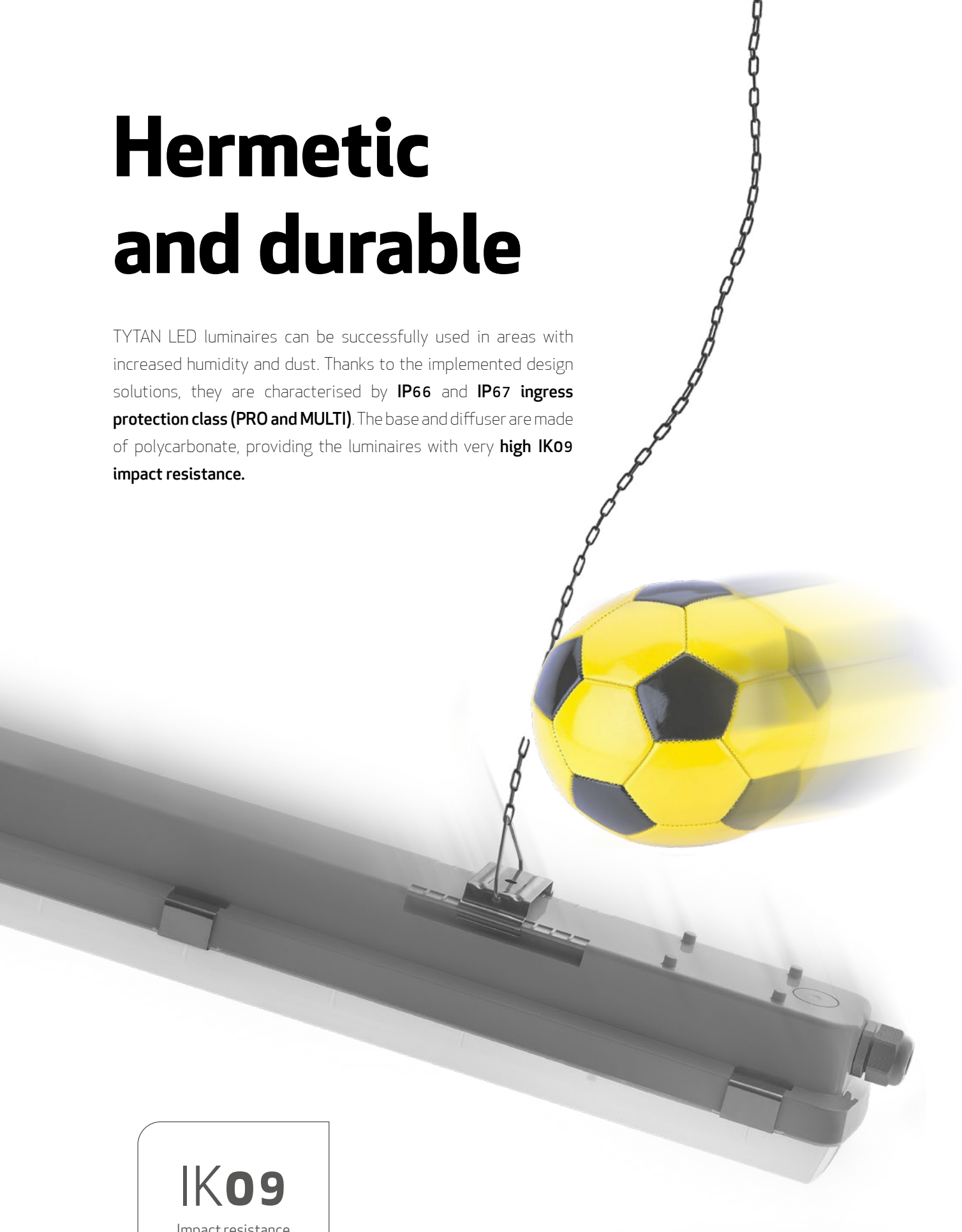
The TYTAN LED family uses an innovative solution consisting in integrating the diffuser with the LED module. As a result, the assembly and quick replacement of the entire light module is facilitated. This is especially important in the case of service or efficient modernisation of lamps over the years - changes to more modern solutions, without the need to disassemble the entire lamps.





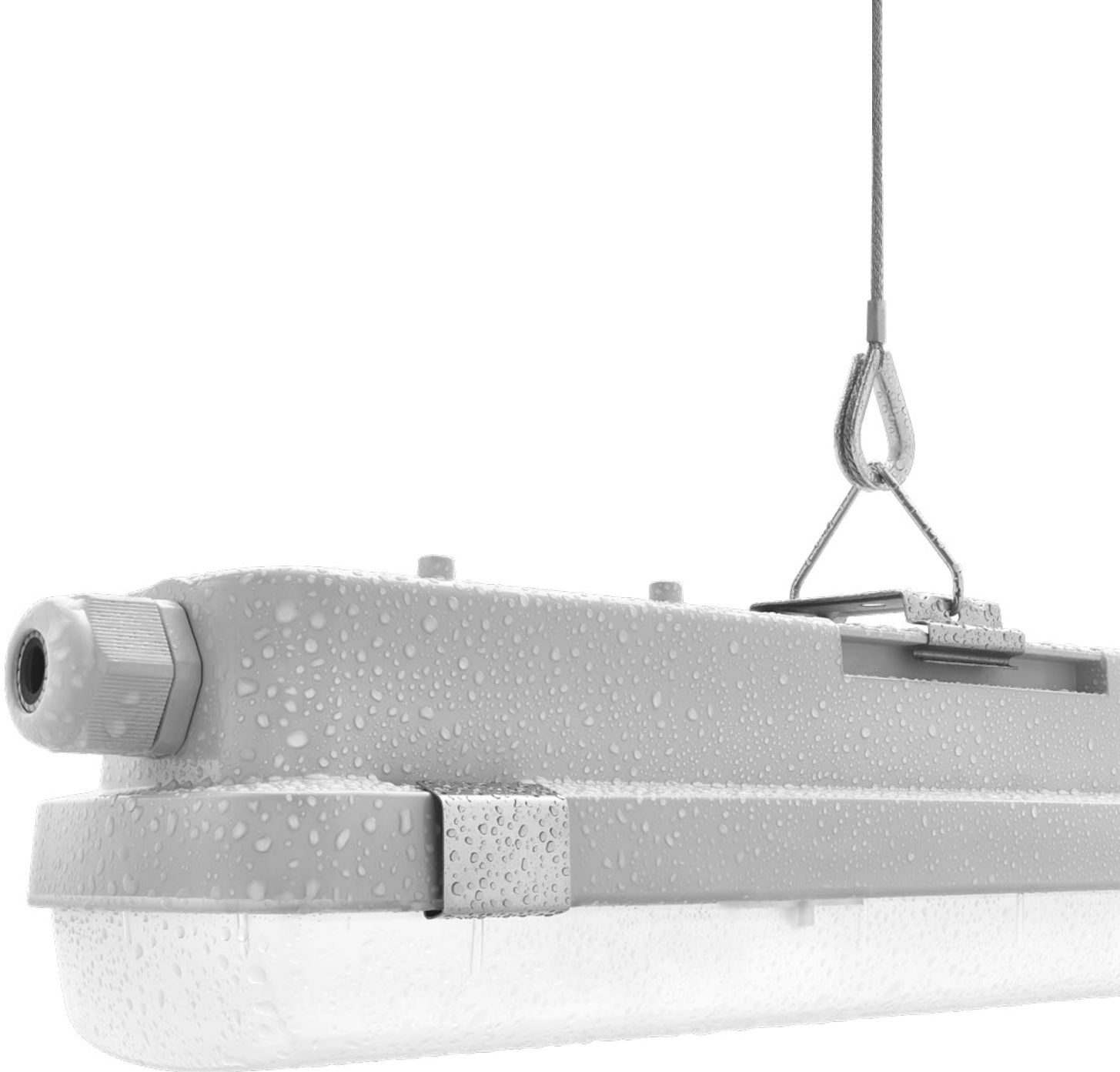
# Hermetic and durable

TYTAN LED luminaires can be successfully used in areas with increased humidity and dust. Thanks to the implemented design solutions, they are characterised by **IP66** and **IP67 ingress protection class (PRO and MULTI)**. The base and diffuser are made of polycarbonate, providing the luminaires with very **high IK09 impact resistance**.



**IK09**

Impact resistance  
class



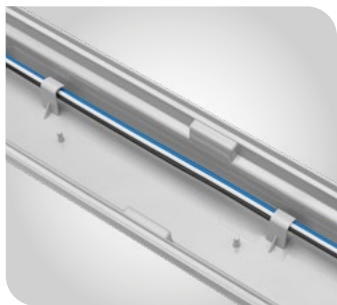
**IP66**

Ingress protection  
TYTAN LED family

**IP67**

Ingress protection  
TYTAN LED PRO  
TYTAN MULTI LED

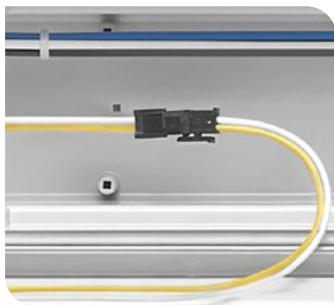
# Knowledge and experience



Specially designed grips allow for well-organised through-wiring.



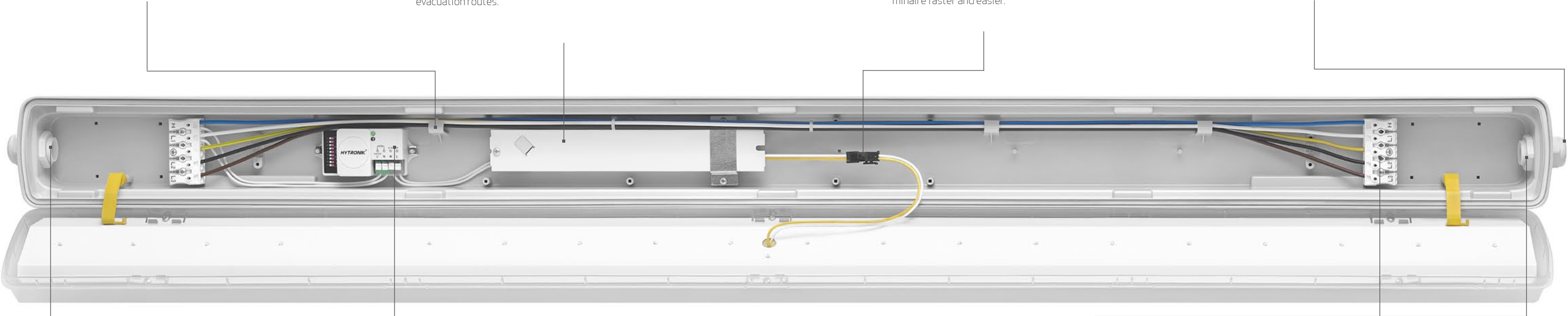
Top-quality branded components ensure reliable operation and minimise maintenance costs. The version equipped with an emergency module provides proper lighting of evacuation routes.



The quick connector between the lighting module and the power supply system makes the assembly of the luminaire faster and easier.



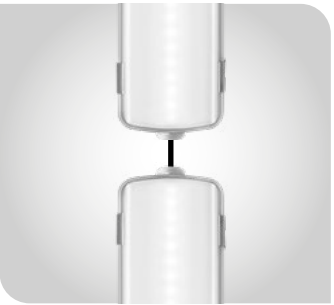
The quick connector in the RAPID-A and RAPID-D versions enables an extremely fast and easy power feed and does not require opening the luminaire.



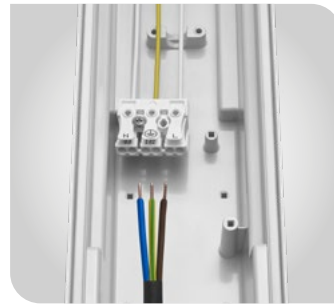
The possibility of connecting the power supply from several sides makes assembly easier, even in hard-to-reach places.



The application of a microwave motion sensor (RCR) helps provide light where and when it is necessary, which results in energy savings.



With LS2 through-wiring, the luminaires can be easily connected in lighting lines.



The three-pole or five-pole connectors allow the luminaire to be adjusted to specific design requirements (it is possible to connect controls or set up a zonal on/off system of line-connected luminaires).



*The differences in equipment depend on the selected luminaire version. Illustrative photo.*



# Comfortable & adjustable surface mounting

## Fast assembly of the luminaire

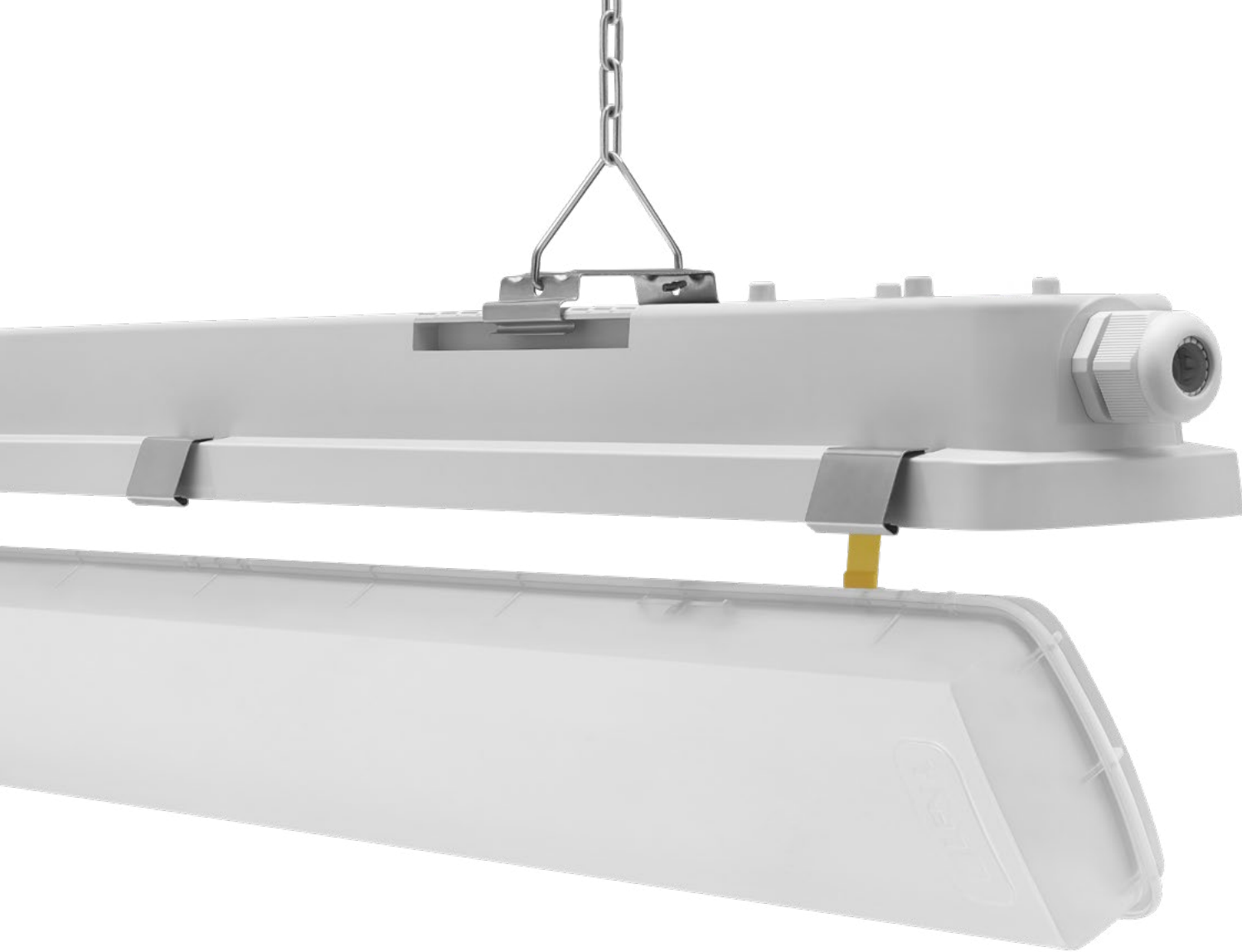
Luminaire's design enables the fastest and easiest assembly possible. The use of the suspended lighting module, quick connectors and a bracket with mounting tolerance helps save time during assembly and maintenance of the luminaires.



## 100 mm mounting tolerance

In order to facilitate and speed up the process of surface mounting of the luminaire to the greatest extent possible, we have introduced adjustable brackets with a mounting tolerance of +/- 50 mm.





Suspended diffuser integrated  
with a LED module

## Assembly ergonomics

The system of a **suspended diffuser integrated** with a mounting panel saves time and increases working comfort of installers and service workers. The solution **eliminates the need** to support or put the fixture down during assembly and disassembly.



## Excellent optics

The diffuser, made of polycarbonate dedicated to LED solutions, ensures **a perfect balance** between **high permeability of 93%**, hand appropriate light distribution. The light is spread evenly throughout **the entire length of the diffuser**.



# Industry, production, logistics, outdoor



## TYTAN LED PRO

### TECHNICAL PARAMETERS

- Power [W]: 13-70
- Luminous flux [lm]: 2500-12000
- Ingress protection: IP67
- Impact resistance class: IK09
- Colour temperature [K]: 4000
- SDCM  $\leq 3$
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Certificates: PZH, HACCP
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80

## PRO

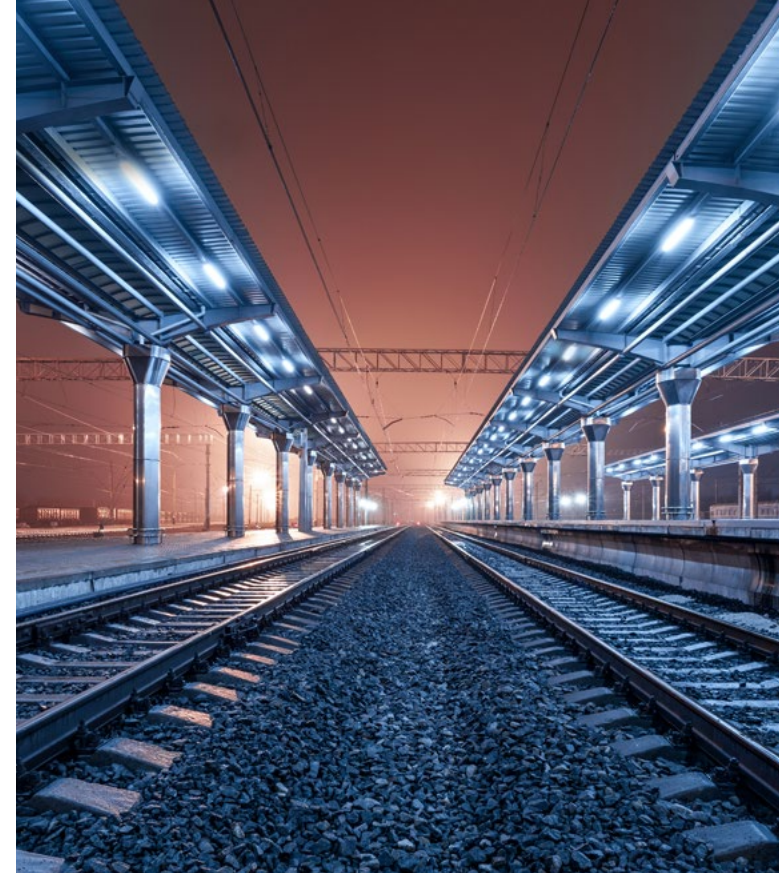
Highest quality  
Top performance

TYTAN LED PRO is the strongest version of the luminaire in this range. It achieves impressive luminous efficiency of up to 178 lm/W. Such high efficiency has been achieved thanks to carefully selected top-quality components.

It is dedicated for spaces where there is no room for compromise in the context of the lighting used. It must meet the highest standards, both in terms of light quality and other parameters – optics, impact resistance and ingress protection, which have been increased compared to the basic version of the luminaire.

TYTAN LED PRO is one of the two representatives of this range, which is characterised by IP67 ingress protection class.

### CERTIFICATES:



Scan the code  
and go to a dedicated  
product page.



# Commercial buildings, public utility



## TYTAN MULTI LED

### TECHNICAL PARAMETERS

- Power [W]: 13-59
- Luminous flux [lm]: 2500-10,900
- Ingress protection: IP67
- Impact resistance class: IK09
- Colour temperature [K]: 4000
- SDCM ≤ 3
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Certificates: PZH, HACCP
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80



4 luminaires = 16 levels of  
power and luminous flux

The luminaire is equipped with a specially designed power supply with a dedicated microswitch. It allows the customer to independently choose the level of luminous flux/luminaire power. We offer 4 luminaires that allow for 16 combinations – power and luminous flux versions.

If the priority is to obtain a sufficiently high value of the luminous flux – the installer should set the luminaire to a higher power. If we want to save electricity, the same luminaire can be easily switched to another setting using a microswitch.

This solution is especially practical in places where the use of the illuminated space changes, and along with it, the standards and lighting needs change.

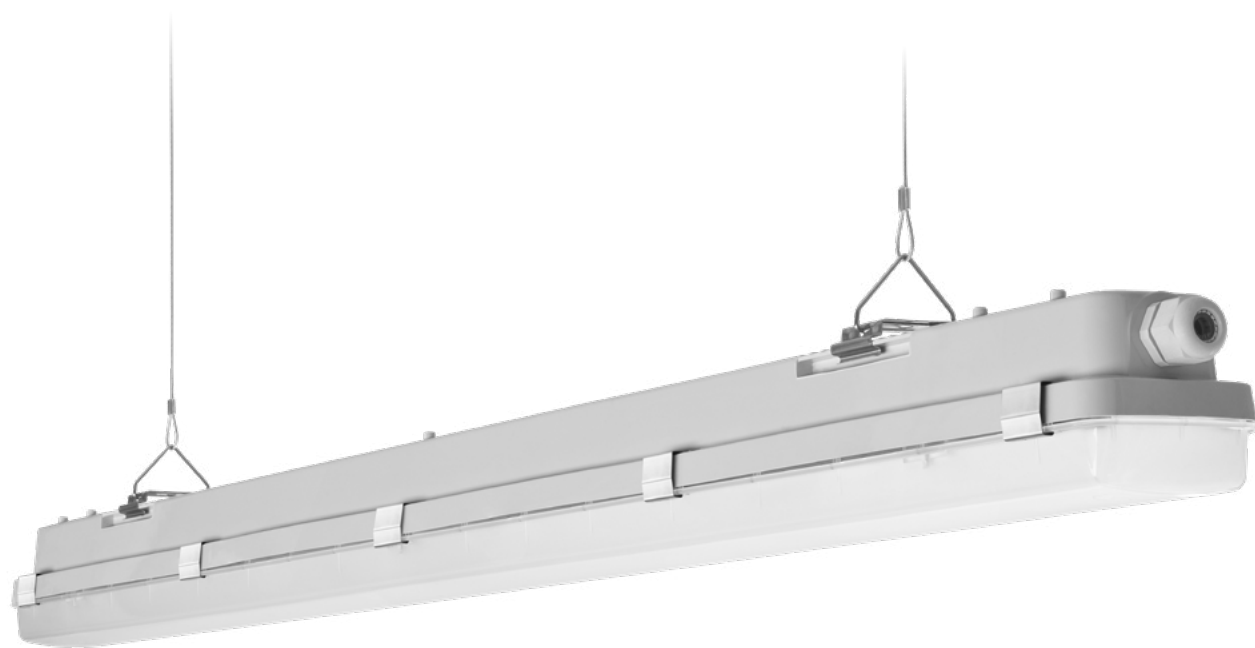
### CERTIFICATES:



Scan the code  
and go to a dedicated  
product page.



# Halls, parking lots, warehouses, transport



## TYTAN 2 LED

### TECHNICAL PARAMETERS

- Power [W]: 16-69
- Luminous flux [lm]: 2650-11,300
- Ingress protection: IP66
- Impact resistance class: IK09
- Colour temperature [K]: 3000; 4000 (other temperatures available on request)
- SDCM ≤ 3
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Certificates: PZH, HACCP
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80



Versatility of  
applications

TYTAN 2 LED is a new, improved version of one of the most valued and proven hermetic batten luminaires on the market.

Dedicated primarily to industrial applications in areas with high requirements for dust and water tightness. Especially recommended for use in production facilities, warehouses and parking lots (underground and multi-level buildings), sports stadiums, transport terminals and underground passages.

The luminaire has won many awards, and its potential and values have been verified and confirmed by independent experts.

### CERTIFICATES:



Scan the code  
and go to a dedicated  
product page.



# Very high or low temperature

from -40°C to +60°C



## TYTAN 2 LED ENDURA



Thermal resistance

### TECHNICAL PARAMETERS

- Power [W]: 28-69
- Luminous flux [lm]: 4750-11300
- Ingress protection: IP66
- Impact resistance class: IK09
- Colour temperature [K]: 4000
- SDCM ≤ 3
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Certificates: PZH, HACCP
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80

TYTAN 2 LED ENDURA is a new generation specialist luminaire designed to illuminate interior areas with very high or very low temperatures ranging from -40°C to +60°C. Unfavourable environmental conditions do not impact the luminaire's reliability and efficiency.

TYTAN 2 LED ENDURA PLUS is a version dedicated to rooms with increased temperature, even up to +60°C. It will prove perfect in industrial plants, bakeries and wherever the heat generated in the production process may disrupt the operation of standard versions of industrial luminaires. In places with low temperatures down to -40°C, e.g. in cold stores, we recommend using the same version of TYTAN 2 LED ENDURA PLUS or the TYTAN 2 LED ENDURA MINUS version.

### CERTIFICATES:



Scan the code and go to a dedicated product page.



# High-bay warehouses



## TYTAN 2 LED HALL

### TECHNICAL PARAMETERS

- Rated power [W]: 58, 72
- Luminous flux [lm]: 8200-10400
- Ingress protection: IP66
- Impact resistance class: IK09
- Colour temperature [K]: 3000, 4000
- SDCM ≤ 3
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80



TYTAN 2 LED HALL is a modern LED luminaire dedicated to illuminate high-bay warehouses (up to 12 m). Light distributions have been designed especially for this application.

It has a significant impact on the ergonomics of work and providing comfortable lighting. Optimal lighting of the aisles between the racks, which is ensured by TYTAN LED HALL luminaires, also increases work safety.

An additional benefit of the optical system of the TYTAN LED HALL luminaires mounted in high storage halls is their energy efficiency – which is even greater than that offered by other new generation luminaires of the same type.

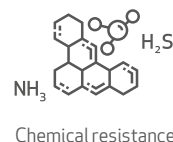
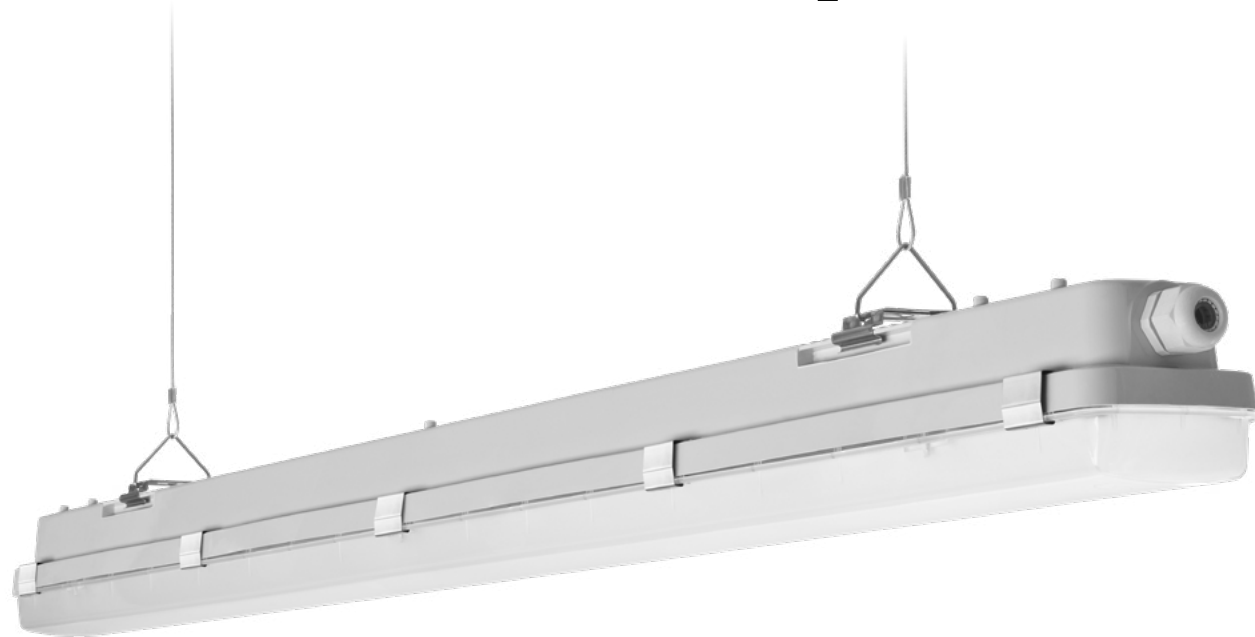


Scan the code and go to a dedicated product page.





# Animal breeding, chemical industry



## TYTAN 2 LED CHEMO

### TECHNICAL PARAMETERS

- Power [W]: 28-69
- Luminous flux [lm]: 4550-11,300
- Ingress protection: IP66
- Impact resistance class: IK09
- Colour temperature [K]: 4000, (other temperatures available on request)
- SDCM ≤ 3
- Colour rendering index: Ra > 80
- Body material: ABS
- Mounting: surface, suspended
- Certificates: GREENGUARD, HACCP
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80

TYTAN 2 LED CHEMO is a specialist luminaire, the body of which is made of ABS, and the diffuser of copolyester (PCT-G), characterised by increased resistance to chemical factors, e.g. ammonia or chemical disinfectants.

The material of the diffuser is GREENGUARD certified, which guarantees that the luminaires meet the world's most stringent standards for the emission of chemical compounds, contributing to the creation of interiors with higher air quality. Thanks to the high-quality, resistant materials used in the luminaire's design, they can be used in a chemically demanding environments. The luminaire can be used in virtually every farm area, in horticulture and in all rooms where medical chemical disinfectants are used.

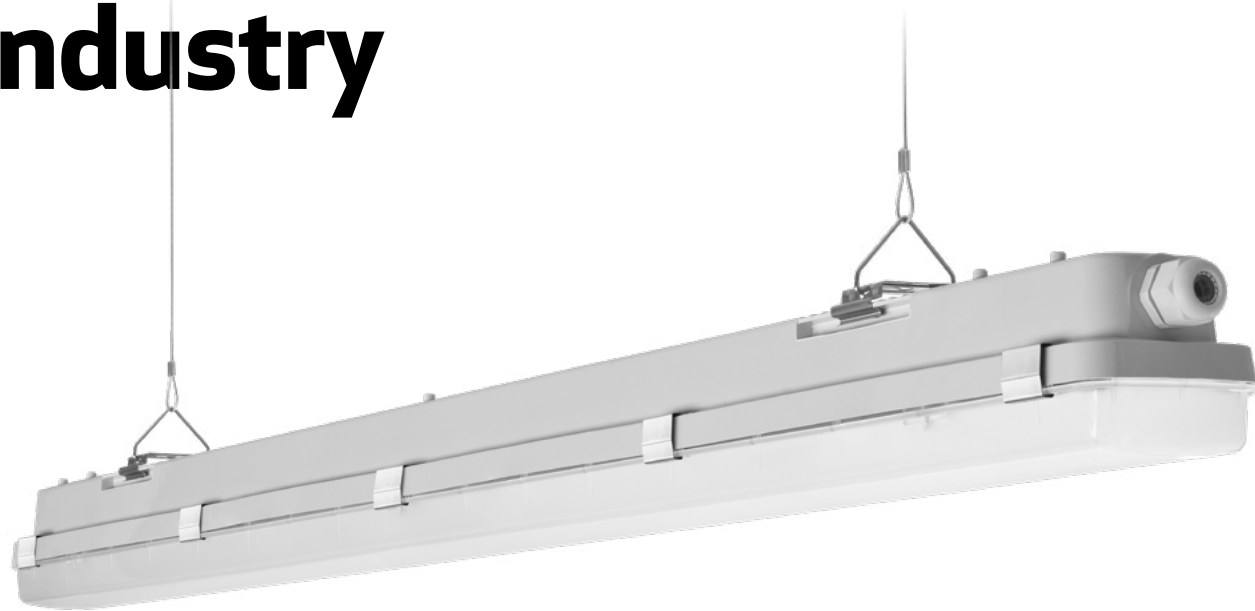
### CERTIFICATES:



Scan the code  
and go to a dedicated  
product page.



# Commercial buildings, public utility, industry



## TYTAN 2 LED BASIC MULTI

### TECHNICAL PARAMETERS

- Power [W]: 19-62
- Luminous flux [lm]: 2500-7 300
- Ingress protection: IP66
- Impact resistance class: IK09
- Colour temperature [K]: 4000
- SDCM  $\leq 3$
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Dimensions (height/width/depth) [mm]: 1152/85/80; 1432/85/80



4 luminaires = 16 levels of  
power and luminous flux

This luminaire, similar to TYTAN MULTI LED, is fitted with a special power supply with a microswitch. It allows the customer to independently choose the level of luminous flux/luminaire power. We offer 4 luminaires that allow for 16 combinations – power and luminous flux versions. If the priority is to obtain a sufficiently high value of the luminous flux – the installer should set the luminaire to a higher power. If we want to save electricity, the same luminaire can be easily switched to another setting using a microswitch. This solution is particularly useful in places, where the use of the illuminated space changes, and along with it, the standards and lighting needs change as well. The MULTI version may also be of interest to distributors for whom it is important to maintain sufficient inventory in order to meet customer needs.

The TYTAN 2 LED BASIC MULTI luminaire offers very good illumination values, reliability and quality at an optimised price.



Scan the code  
and go to a dedicated  
product page.





# Commercial buildings, public utility



Excellent  
price-quality ratio

## TYTAN 2 LED BASIC

### TECHNICAL PARAMETERS

- Power [W]: 30 - 75
- Luminous flux [lm]: 3900 - 10 000
- Ingress protection: IP66
- Impact resistance class: IK09
- Colour temperature [K]: 4000
- SDCM ≤ 3
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Certificates: PZH, HACCP
- Dimensions (height/width/depth) [mm]:  
1152/85/80; 1432/85/80

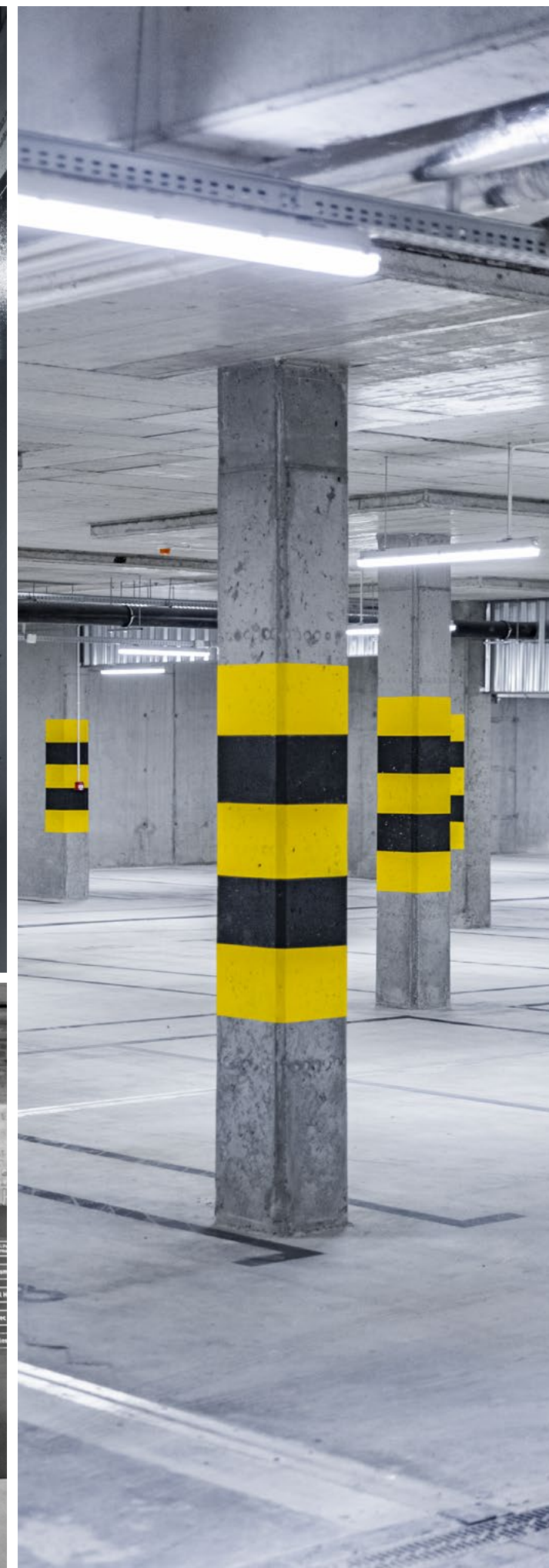
TYTAN 2 LED BASIC is a new version of one of the most valued and proven hermetic batten luminaires on the market, offered at a favourable price. Despite the reduced price, it guarantees quality and reliability.

Dedicated primarily to industrial applications in areas with high requirements for dust and water tightness. Especially recommended for use in production facilities, warehouses and parking lots (underground and multi-level buildings), sports stadiums, transport terminals and underground passages.

### CERTIFICATES:



Scan the code  
and go to a dedicated  
product page.





# Low voltage is greater security



## TYTAN 2 LED 24V-48V

### TECHNICAL PARAMETERS

- Power [W]: 19
- Luminous flux [lm]: 2750
- Ingress protection: IP44
- Impact resistance class: IK09
- Colour temperature [K]: 4000
- SDCM  $\leq 3$
- Colour rendering index: Ra > 80
- Body material: PC
- Mounting: surface, suspended
- Dimensions (height/width/depth) [mm]: 1152/85/80



Luminaire for  
low voltage installations

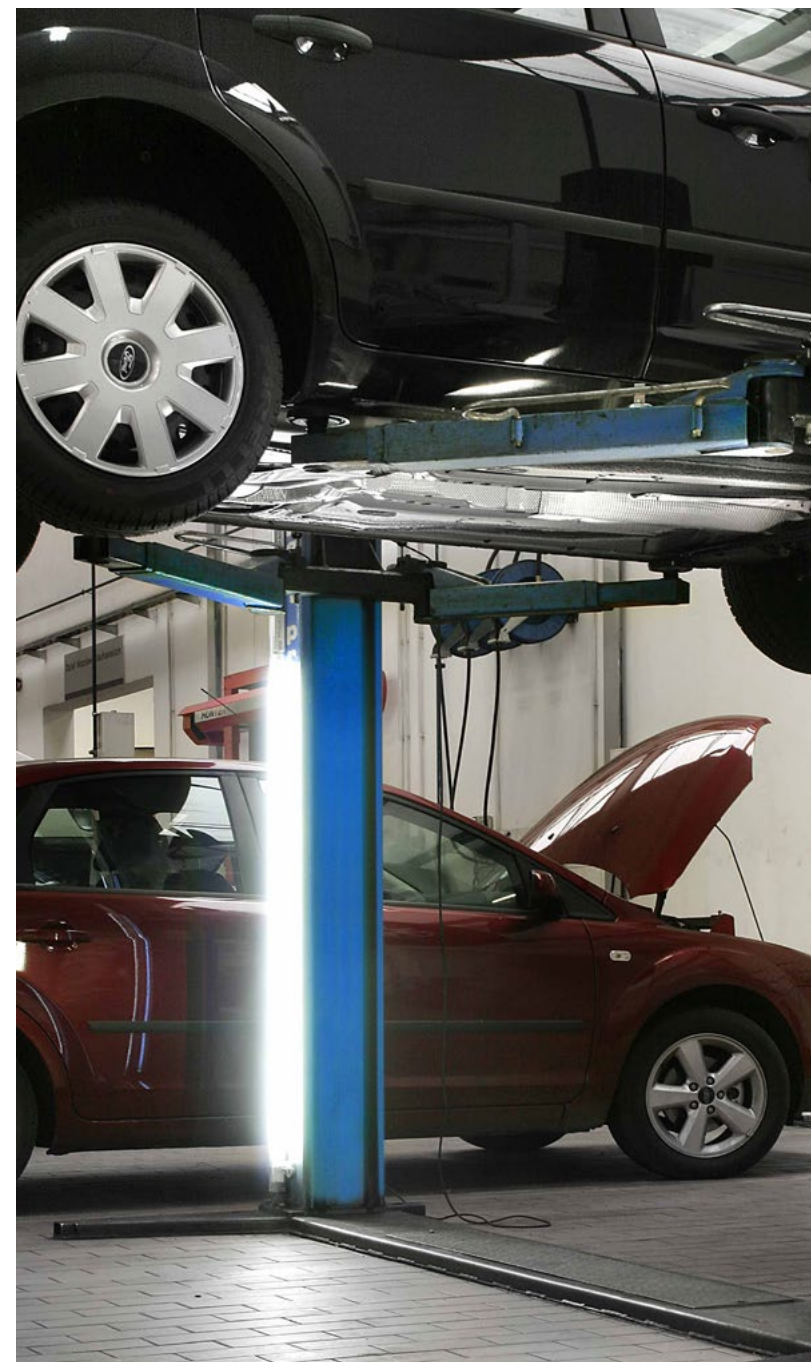
TYTAN LED 24 V-48 V is dedicated to rooms with access to a direct current (DC) or alternating (AC) electrical installation with a voltage of 24 V to 48 V. This luminaire is used wherever a low-voltage electrical installation is required by a workplace Health and Safety instruction.

The use of low voltage installations is associated with increasing work safety, especially in all kinds of pits (e.g. in car workshops), from which it is more difficult to get out in emergency situations, or even in large halls and entire industrial plants, where rolling stock is produced, for example.

Low voltage installations can also be found in basements and garages of some residential buildings.



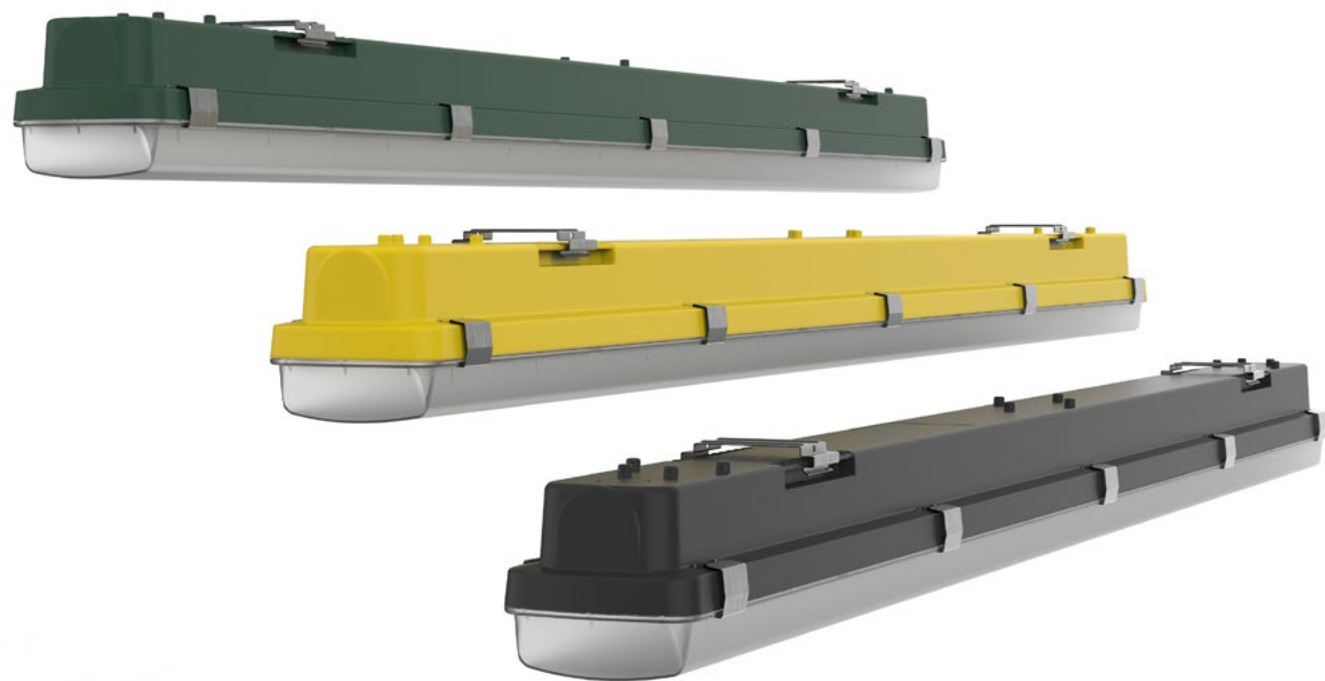
Scan the code  
and go to a dedicated  
product page.





# We are inspired by **non-standard solutions**

We consider them an interesting challenge and an opportunity for further development. We listen to our customers' needs and create tailor-made luminaires.





TYTAN LED PRO

# Case study

63%

ENERGY  
SAVINGS

The investor has modernised the lighting in the production hall. Facility dimensions: 20x30m (600 m<sup>2</sup>), luminaire mounting height: 7m. Due to the functional purpose of the space, a lighting level of 300 lx on the work surface was required.

Due to the 16-hour mode of lamp usage duration **energy efficiency** was the most important criterion for their selection. Another condition for choosing the product was its **reliability**, because each downtime in the production process generates **unnecessary costs**.

So far, the facility has been fitted with 2x58W EVG fluorescent luminaires. Considering investor's key requirements, we proposed replacing traditional luminaires **TYTAN LED PRO 40W 4000K 7500lm IP67**.

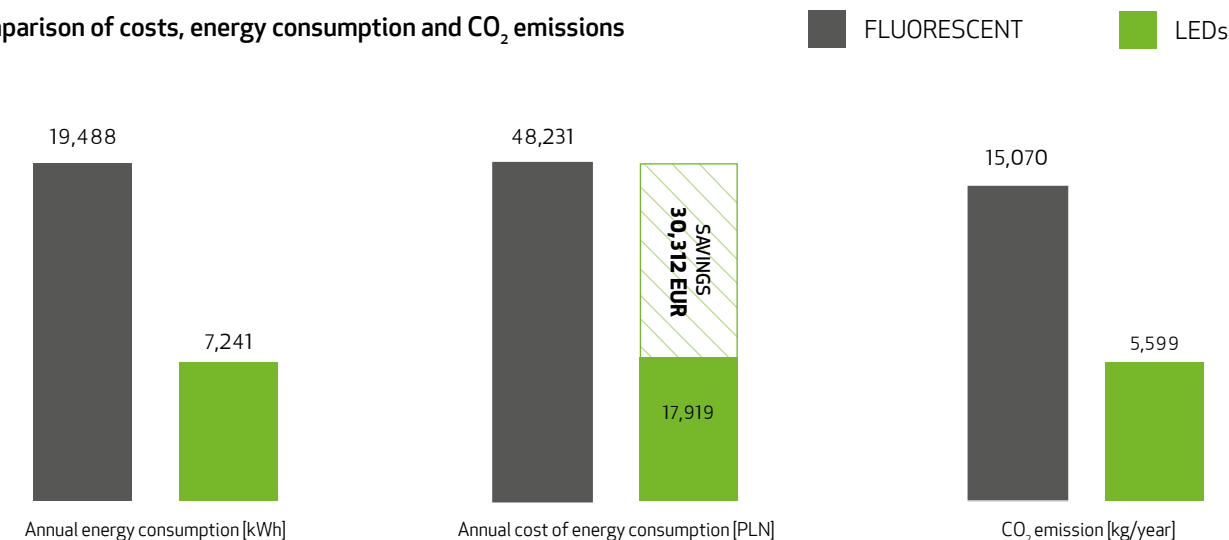
42 pieces

TYTAN LED PRO 40W

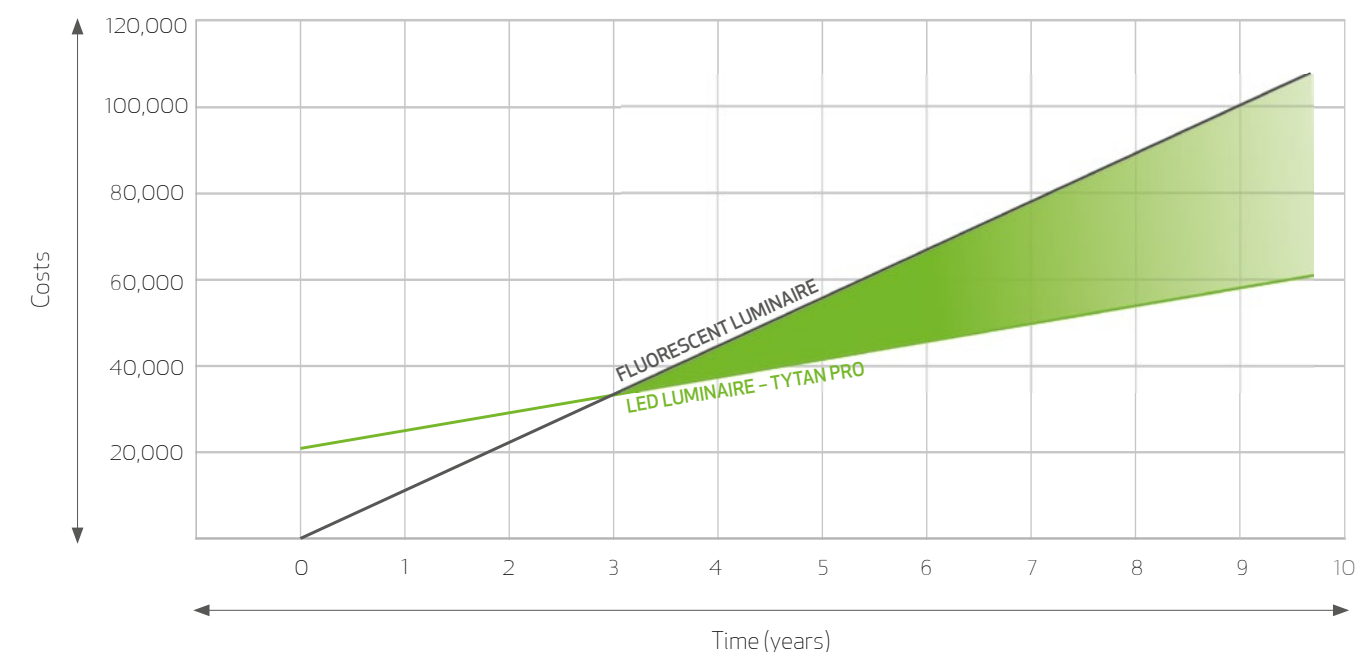
42 pieces

FLUORESCENT LUMINAIRE 2 x 58W

Comparison of costs, energy consumption and CO<sub>2</sub> emissions



Savings chart



The comparative analysis **has shown a lot of benefits resulting from using LED luminaires**. According to the proposed design, the same number of luminaires were installed, but during the use of TYTAN LED PRO luminaires **a significant reduction in costs** has been observed.

This is due to **the reduction in electricity consumption by 63%** and minimisation of luminaire servicing costs (e.g. replacement of traditional sources), made possible through fitting the LEDs with modern light modules, characterised by a long-lasting period of operation. **The cost of purchasing TYTAN LED PRO luminaires** is offset by a reduction in the cost of electricity and **pays back in less than 3 years**. After that period, the investor will experience a constant and dynamic **increase in profits** due to their use.

Basic assumptions:

The luminaire's annual lighting time is 16h a day; price for 1 kWh = 2,4 EUR; the cost of luminaires according to Lena Lighting S.A. catalogue prices; luminaire replacement frequency – according to the declared service life



# Light accompanies you everywhere

Maintaining work-life balance is not an easy task which may assume the proportions of a significant challenge these days. One task is more important than the other and in this never-ending "pursuit" you lack time to realise your passions. Especially in winter, when it gets dark quickly, it is difficult to spend time actively in the fresh air. The TYTAN LED family of luminaires has been also designed to illuminate e.g. sports complexes, swimming pools and other places, which, when illuminated, can remain functional after dusk.





# Entrust design to professionals

Full service  
and a free lighting  
design

Engineers working in our design office will prepare a project that meets all standards and guarantees comfort of use. The client receives free-of-charge consultancy and project documentation, which guarantee high quality and compliance with standards.

DIALux

AUTODESK  
REVIT

SOLIDWORKS



TYTAN LED PRO

Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	RCR sensor	DIMM DALI	Through wiring	Cord – type	Dimensions (H/W/D) [mm]	EEl	Index
TYTAN LED PRO 13W										
13	4000	2500	MATT	-	-	-	-	1152/85/80	A++	389009
13	4000	2500	MATT	-	-	LS2	5x1.5	1152/85/80	A++	389023
13	4000	2500	MATT	Yes	-	-	-	1152/85/80	A++	389047
13	4000	2500	MATT	-	Yes	-	-	1152/85/80	A++	389283
TYTAN LED PRO 24W										
24	4000	4350	MATT	-	-	-	-	1152/85/80	A++	389016
24	4000	4350	MATT	-	-	LS2	5x1.5	1152/85/80	A++	389030
24	4000	4350	MATT	Yes	-	-	-	1152/85/80	A++	389054
24	4000	4350	MATT	-	Yes	-	-	1152/85/80	A++	389290
TYTAN LED PRO 29W										
29	4000	5450	MATT	-	-	-	-	1432/85/80	A++	389160
29	4000	5450	MATT	-	-	LS2	5x1.5	1432/85/80	A++	389177
29	4000	5450	MATT	Yes	-	-	-	1432/85/80	A++	389184
29	4000	5450	MATT	-	Yes	-	-	1432/85/80	A++	389320
TYTAN LED PRO 33W										
33	4000	6300	MATT	-	-	-	-	1432/85/80	A++	389207
33	4000	6300	MATT	-	-	LS2	5x1.5	1432/85/80	A++	389221
33	4000	6300	MATT	Yes	-	-	-	1432/85/80	A++	389245
33	4000	6300	MATT	-	Yes	-	-	1432/85/80	A++	389337
TYTAN LED PRO 40W										
40	4000	7500	MATT	-	-	-	-	1152/85/80	A++	389085
40	4000	7500	MATT	-	-	LS2	5x1.5	1152/85/80	A++	389108
40	4000	7500	MATT	Yes	-	-	-	1152/85/80	A++	389122
40	4000	7500	MATT	-	Yes	-	-	1152/85/80	A++	389306
TYTAN LED PRO 47W										
47	4000	8700	MATT	-	-	-	-	1152/85/80	A++	389092
47	4000	8700	MATT	-	-	LS2	5x1.5	1152/85/80	A++	389115
47	4000	8700	MATT	Yes	-	-	-	1152/85/80	A++	389139
47	4000	8700	MATT	-	Yes	-	-	1152/85/80	A++	389313
TYTAN LED PRO 59W										
59	4000	10900	MATT	-	-	-	-	1432/85/80	A++	389214
59	4000	10900	MATT	-	-	LS2	5x1.5	1432/85/80	A++	389238
59	4000	10900	MATT	Yes	-	-	-	1432/85/80	A++	389252
59	4000	10900	MATT	-	Yes	-	-	1432/85/80	A++	389344
TYTAN LED PRO 70W										
70	4000	12000	MATT	-	-	-	-	1432/85/80	A++	389351
70	4000	12000	MATT	-	-	LS2	5x1.5	1432/85/80	A++	389368
70	4000	12000	MATT	Yes	-	-	-	1432/85/80	A++	389375
70	4000	12000	MATT	-	Yes	-	-	1432/85/80	A++	389399

TYTAN MULTI LED

Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	RCR sensor	Through wiring	Cable – type	Dimensions (H/W/D) [mm]	EEl	Index
TYTAN MULTI LED 13/17/20/24									
13/17/20/24	4000	2500/3150/3750/4350	MAT	-	-	-	1152/85/80	A++	358777
13/17/20/24	4000	2500/3150/3750/4350	MAT	-	LS2	5x1.5	1152/85/80	A++	358784
13/17/20/24	4000	2500/3150/3750/4350	MAT	Yes	-	-	1152/85/80	A++	358791
TYTAN MULTI LED 16/21/25/29									
16/21/25/29	4000	3150/3900/4700/5450	MAT	-	-	-	1432/85/80	A++	358852
16/21/25/29	4000	3150/3900/4700/5450	MAT	-	LS2	5x1.5	1432/85/80	A++	358869
16/21/25/29	4000	3150/3900/4700/5450	MAT	Yes	-	-	1432/85/80	A++	358876
TYTAN MULTI LED 26/33/40/47									
26/33/40/47	4000	5000/6250/7500/8700	MAT	-	-	-	1152/85/80	A++	358814
26/33/40/47	4000	5000/6250/7500/8700	MAT	-	LS2	5x1.5	1152/85/80	A++	358821
26/33/40/47	4000	5000/6250/7500/8700	MAT	Yes	-	-	1152/85/80	A++	358838
TYTAN MULTI LED 33/41/50/59									
33/41/50/59	4000	6300/7850/9350/10900	MAT	-	-	-	1432/85/80	A++	358890
33/41/50/59	4000	6300/7850/9350/10900	MAT	-	LS2	5x1.5	1432/85/80	A++	358906
33/41/50/59	4000	6300/7850/9350/10900	MAT	Yes	-	-	1432/85/80	A++	358913

TYTAN 2 LED

Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	RCR sensor	DIMM DALI	Through wiring	Cable – type	Dimensions (H/W/D) [mm]	EEl	Index
TYTAN 2 LED 16W										
16	3000	2450	MATT	-	-	-	-	1152/85/80	A+	941436
16	3000	2450	MATT	-	-	LS2	5x1.5	1152/85/80	A+	941450
16	3000	2450	MATT	-	-	LS2	5x2.5	1152/85/80	A+	941467
16	3000	2450	MATT	Yes	-	-	-	1152/85/80	A+	941481
16	3000	2450	MATT	-	Yes	-	-	1152/85/80	A+	941443
16	4000	2650	MATT	-	-	LS2	5x1.5	1152/85/80	A++	941016
16	4000	2650	MATT	-	-	LS2	5x2.5	1152/85/80	A++	941023
16	4000	2650	MATT	Yes	-	-	-	1152/85/80	A++	941047
16	4000	2650	MATT	-	-	-	-	1152/85/80	A++	909702
16	4000	2650	MATT	-	Yes	-	-	1152/85/80	A++	941009
16	5000	2650	MATT	-	-	-	-	1152/85/80	A++	941917
16	5000	2650	MATT	-	-	LS2	5x1.5	1152/85/80	A++	941931
16	5000	2650	MATT	-	-	LS2	5x2.5	1152/85/80	A++	941948
16	5000	2650	MATT	Yes	-	-	-	1152/85/80	A++	941962
16	5000	2650	MATT	-	Yes	-	-	1152/85/80	A++	941924
TYTAN 2 LED 28W										
28	3000	4150	MATT	-	-	-	-	1152/85/80	A+	941498
28	3000	4150	MATT	-	-	LS2	5x1.5	1152/85/80	A+	941511
28	3000	4150	MATT	-	-	LS2	5x2.5	1152/85/80	A+	941528
28	3000	4150	MATT	Yes	-	-	-	1152/85/80	A+	941542
28	3000	4150	MATT	-	Yes	-	-	1152/85/80	A+	941504
28	4000	4550	MATT	-	-	LS2	5x1.5	1152/85/80	A++	941061
28	4000	4550	MATT	-	-	LS2	5x2.5	1152/85/80	A++	941078
28	4000	4550	MATT	Yes	-	-	-	1152/85/80	A++	941092
28	4000	4550	MATT	-	-	-	-	1152/85/80	A++	909719
28	4000	4550	MATT	-	Yes	-	-	1152/85/80	A++	941054
28	5000	4550	MATT	-	-	-	-	1152/85/80	A++	941979
28	5000	4550	MATT	-	-	LS2	5x1.5	1152/85/80	A++	941993
28	5000	4550	MATT	-	-	LS2	5x2.5	1152/85/80	A++	942006
28	5000	4550	MATT	Yes	-	-	-	1152/85/80	A++	942020
28	5000	4550	MATT	-	Yes	-	-	1152/85/80	A++	941986



Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	RCR sensor	DIMM DALI	Through wiring	Cable – type	Dimensions (H/W/D) [mm]	EEL	Index
TYTAN 2 LED 35W										
35	3000	5250	MATT	-	-	-	-	1432/85/80	A+	941733
35	3000	5250	MATT	-	-	LS2	5x1.5	1432/85/80	A+	941757
35	3000	5250	MATT	-	-	LS2	5x2.5	1432/85/80	A+	941764
35	3000	5250	MATT	Yes	-	-	-	1432/85/80	A+	941788
35	3000	5250	MATT	-	Yes	-	-	1432/85/80	A+	941740
35	4000	5650	MATT	-	-	-	-	1432/85/80	A++	909740
35	4000	5650	MATT	-	-	LS2	5x1.5	1432/85/80	A++	941283
35	4000	5650	MATT	-	-	LS2	5x2.5	1432/85/80	A++	941290
35	4000	5650	MATT	Yes	-	-	-	1432/85/80	A++	941313
35	4000	5650	MATT	-	Yes	-	-	1432/85/80	A++	941276
35	5000	5650	MATT	-	-	-	-	1432/85/80	A++	942228
35	5000	5650	MATT	-	-	LS2	5x1.5	1432/85/80	A++	942259
35	5000	5650	MATT	-	-	LS2	5x2.5	1432/85/80	A++	942266
35	5000	5650	MATT	Yes	-	-	-	1432/85/80	A++	942280
35	5000	5650	MATT	-	Yes	-	-	1432/85/80	A++	942242
TYTAN 2 LED 42W										
42	3000	6550	MATT	-	-	-	-	1432/85/80	A+	941795
42	3000	6550	MATT	-	-	LS2	5x1.5	1432/85/80	A+	941818
42	3000	6550	MATT	-	-	LS2	5x2.5	1432/85/80	A+	941825
42	3000	6550	MATT	Yes	-	-	-	1432/85/80	A+	941849
42	3000	6550	MATT	-	Yes	-	-	1432/85/80	A+	941801
42	4000	7050	MATT	-	-	LS2	5x1.5	1432/85/80	A++	941337
42	4000	7050	MATT	-	-	LS2	5x2.5	1432/85/80	A++	941344
42	4000	7050	MATT	Yes	-	-	-	1432/85/80	A++	941368
42	4000	7050	MATT	-	-	-	-	1432/85/80	A++	909757
42	4000	7050	MATT	-	Yes	-	-	1432/85/80	A++	941320
42	5000	7050	MATT	-	-	-	-	1432/85/80	A++	942297
42	5000	7050	MATT	-	-	LS2	5x1.5	1432/85/80	A++	942310
42	5000	7050	MATT	-	-	LS2	5x2.5	1432/85/80	A++	942327
42	5000	7050	MATT	Yes	-	-	-	1432/85/80	A++	942341
42	5000	7050	MATT	-	Yes	-	-	1432/85/80	A++	942303
TYTAN 2 LED 47W										
47	3000	7300	MATT	-	-	-	-	1152/85/80	A+	941559
47	3000	7300	MATT	-	-	LS2	5x1.5	1152/85/80	A+	941573
47	3000	7300	MATT	-	-	LS2	5x2.5	1152/85/80	A+	941580
47	3000	7300	MATT	Yes	-	-	-	1152/85/80	A+	941603
47	3000	7300	MATT	-	Yes	-	-	1152/85/80	A+	941566
47	4000	7850	MATT	-	-	LS2	5x1.5	1152/85/80	A++	941115
47	4000	7850	MATT	-	-	LS2	5x2.5	1152/85/80	A++	941146
47	4000	7850	MATT	Yes	-	-	-	1152/85/80	A++	941160
47	4000	7850	MATT	-	-	-	-	1152/85/80	A++	909726
47	4000	7850	MATT	-	Yes	-	-	1152/85/80	A++	941108
47	5000	7850	MATT	-	-	-	-	1152/85/80	A++	942037
47	5000	7850	MATT	-	-	LS2	5x1.5	1152/85/80	A++	942051
47	5000	7850	MATT	-	-	LS2	5x2.5	1152/85/80	A++	942068
47	5000	7850	MATT	Yes	-	-	-	1152/85/80	A++	942082
47	5000	7850	MATT	-	Yes	-	-	1152/85/80	A++	942044

Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	RCR sensor	DIMM DALI	Through wiring	Cable – type	Dimensions (H/W/D) [mm]	EEL	Index
TYTAN 2 LED 55W										
55	3000	8400	MATT	-	-	-	-	1152/85/80	A+	941610
55	3000	8400	MATT	-	-	LS2	5x1.5	1152/85/80	A+	941634
55	3000	8400	MATT	-	-	LS2	5x2.5	1152/85/80	A+	941641
55	3000	8400	MATT	Yes	-	-	-	1152/85/80	A+	941665
55	3000	8400	MATT	-	Yes	-	-	1152/85/80	A+	941627
55	4000	9050	MATT	-	-	-	-	1152/85/80	A++	909733
55	4000	9050	MATT	-	-	LS2	5x1.5	1152/85/80	A++	941184
55	4000	9050	MATT	-	-	LS2	5x2.5	1152/85/80	A++	941191
55	4000	9050	MATT	Yes	-	-	-	1152/85/80	A++	941214
55	4000	9050	MATT	-	Yes	-	-	1152/85/80	A++	941177
55	5000	9050	MATT	-	-	-	-	1152/85/80	A++	942099
55	5000	9050	MATT	-	-	LS2	5x1.5	1152/85/80	A++	942112
55	5000	9050	MATT	-	-	LS2	5x2.5	1152/85/80	A++	942129
55	5000	9050	MATT	Yes	-	-	-	1152/85/80	A++	942150
55	5000	9050	MATT	-	Yes	-	-	1152/85/80	A++	942105
TYTAN 2 LED 69W										
69	3000	10500	MATT	-	-	-	-	1432/85/80	A+	941672
69	3000	10500	MATT	-	-	LS2	5x1.5	1432/85/80	A+	941696
69	3000	10500	MATT	-	-	LS2	5x2.5	1432/85/80	A+	941702
69	3000	10500	MATT	Yes	-	-	-	1432/85/80	A+	941726
69	3000	10500	MATT	-	Yes	-	-	1432/85/80	A+	941689
69	4000	11300	MATT	-	-	-	-	1432/85/80	A++	909764
69	4000	11300	MATT	-	-	LS2	5x1.5	1432/85/80	A++	941238
69	4000	11300	MATT	-	-	LS2	5x2.5	1432/85/80	A++	941245
69	4000	11300	MATT	Yes	-	-	-	1432/85/80	A++	941269
69	4000	11300	MATT	-	Yes	-	-	1432/85/80	A++	941221
69	5000	11300	MATT	-	-	-	-	1432/85/80	A++	942167
69	5000	11300	MATT	-	-	LS2	5x1.5	1432/85/80	A++	942181
69	5000	11300	MATT	-	-	LS2	5x2.5	1432/85/80	A++	942198
69	5000	11300	MATT	Yes	-	-	-	1432/85/80	A++	942211
69	5000	11300	MATT	-	Yes	-	-	1432/85/80	A++	942174

TYTAN 2 LED ENDURA

Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	Through wiring	Cord – type	Working tem- perature [°C]	Dimensions (H/W/D) [mm]	EEL	Index
TYTAN 2 LED ENDURA MINUS									
55	4000	9050	MATT	-	-	from -40 to +45	1152/85/80	A++	911507
55	4000	9050	MATT	LS2	5x1.5	from -40 to +45	1152/85/80	A++	911514
69	4000	11300	MATT	-	-	from -40 to +45	1432/85/80	A++	911521
69	4000	11300	MATT	LS2	5x1.5	from -40 to +45	1432/85/80	A++	911538
TYTAN 2 LED ENDURA PLUS									
28	4000	4750	MATT	-	-	from -40 to +60	1152/85/80	A++	909801
28	4000	4750	MATT	LS2	5x1.5	from -40 to +60	1152/85/80	A++	909818
35	4000	5950	MATT	-	-	from -40 to +60	1432/85/80	A++	909849
35	4000	5950	MATT	LS2	5x1.5	from -40 to +60	1432/85/80	A++	909856
43	4000	7050	MATT	-	-	from -40 to +60	1152/85/80	A++	909825
43	4000	7050	MATT	LS2	5x1.5	from -40 to +60	1152/85/80	A++	909832
49	4000	8200	MATT	-	-	from -40 to +60	1432/85/80	A++	909863
49	4000	8200	MATT	LS2	5x1.5	from -40 to +60	1432/85/80	A++	909870



TYTAN 2 LED HALL

Moc Rated power [W]:	Colour temperature [K]	Luminous flux [lm]	Light distribution	DIMM DALI	Through wiring	Dimensions (H/W/D) [mm]	EEI	Index
TYTAN 2 LED HALL 58W								
58	4000	8200	60	-	-	1152/85/80	A+	367014
58	4000	8250	70	-	-	1152/85/80	A+	367021
58	4000	8350	90	-	-	1152/85/80	A+	367038
58	4000	8200	60	Yes	-	1152/85/80	A+	367045
58	4000	8250	70	Yes	-	1152/85/80	A+	367052
58	4000	8350	90	Yes	-	1152/85/80	A+	367069
58	4000	8200	60	-	LS2	1152/85/80	A+	367076
58	4000	8250	70	-	LS2	1152/85/80	A+	367083
58	4000	8350	90	-	LS2	1152/85/80	A+	367090
TYTAN 2 LED HALL 72W								
72	4000	10200	60	-	-	1432/85/80	A+	367137
72	4000	10300	70	-	-	1432/85/80	A+	367144
72	4000	10400	90	-	-	1432/85/80	A+	367151
72	4000	10200	60	Yes	-	1432/85/80	A+	367168
72	4000	10300	70	Yes	-	1432/85/80	A+	367175
72	4000	10400	90	Yes	-	1432/85/80	A+	367182
72	4000	10200	60	-	LS2	1432/85/80	A+	367199
72	4000	10300	70	-	LS2	1432/85/80	A+	367205
72	4000	10400	90	-	LS2	1432/85/80	A+	367212

TYTAN 2 LED CHEMO

Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	DIMM DALI	Through wiring	Cord - type	Dimensions (H/W/D) [mm]	EEI	Index
TYTAN 2 LED CHEMO 28W									
28	4000	4550	MATT	-	-	-	1152/85/80	A++	942501
28	4000	4550	MATT	-	LS2	5x2.5	1152/85/80	A++	942563
28	4000	4550	MATT	-	LS2	5x1.5	1152/85/80	A++	942556
28	4000	4550	MATT	Yes	-	-	1152/85/80	A++	942549
TYTAN 2 LED CHEMO 35W									
35	4000	5650	MATT	-	-	-	1432/85/80	A++	942525
35	4000	5650	MATT	-	LS2	5x2.5	1432/85/80	A++	942655
35	4000	5650	MATT	-	LS2	5x1.5	1432/85/80	A++	942648
35	4000	5650	MATT	Yes	-	-	1432/85/80	A++	942631
TYTAN 2 LED CHEMO 47W									
47	4000	7850	MATT	-	-	-	1152/85/80	A++	942518
47	4000	7850	MATT	-	LS2	5x2.5	1152/85/80	A++	942594
47	4000	7850	MATT	-	LS2	5x1.5	1152/85/80	A++	942587
47	4000	7850	MATT	Yes	-	-	1152/85/80	A++	942570
TYTAN 2 LED CHEMO 69W									
69	4000	11300	MATT	-	-	-	1432/85/80	A++	942532
69	4000	11300	MATT	-	LS2	5x2.5	1432/85/80	A++	942624
69	4000	11300	MATT	-	LS2	5x1.5	1432/85/80	A++	942617
69	4000	11300	MATT	Yes	-	-	1432/85/80	A++	942600

TYTAN 2 LED BASIC MULTI

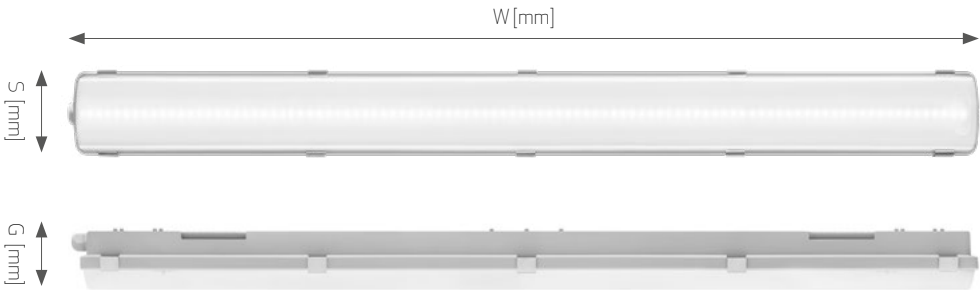
Moc Power [W]	Colour temperature [K]	Luminous flux [lm]	Diffuser type	RCR sensor	Through wiring	EM	Dimensions (H/W/D) [mm]	Index
TYTAN 2 LED BASIC MULTI 19/23/28/33								
19/23/28/33	4000	2500/3000/3450/3850	MAT	-	-	-	1152/85/80	940842
19/23/28/33	4000	2500/3000/3450/3850	MAT	+	-	-	1152/85/80	940859
19/23/28/33	4000	2500/3000/3450/3850	MAT	-	LS2	-	1152/85/80	940866
19/23/28/33	4000	2500/3000/3450/3850	MAT	-	-	+	1152/85/80	940873
TYTAN 2 LED BASIC MULTI 30/38/46/53								
30/38/46/53	4000	4200/5000/5750/6300	MAT	-	-	-	1152/85/80	940880
30/38/46/53	4000	4200/5000/5750/6300	MAT	+	-	-	1152/85/80	940897
30/38/46/53	4000	4200/5000/5750/6300	MAT	-	LS2	-	1152/85/80	940903
30/38/46/53	4000	4200/5000/5750/6300	MAT	-	-	+	1152/85/80	940910
TYTAN 2 LED BASIC MULTI 34/43/52/62								
34/43/52/62	4000	4800/5750/6550/7300	MAT	-	-	-	1152/85/80	940927
34/43/52/62	4000	4800/5750/6550/7300	MAT	+	-	-	1152/85/80	940934
34/43/52/62	4000	4800/5750/6550/7300	MAT	-	LS2	-	1152/85/80	940941
34/43/52/62	4000	4800/5750/6550/7300	MAT	-	-	+	1152/85/80	940958
TYTAN 2 LED BASIC MULTI 23/29/34/40								
23/29/34/40	4000	3050/3650/4200/4750	MAT	-	-	-	1432/85/80	940965
23/29/34/40	4000	3050/3650/4200/4750	MAT	+	-	-	1432/85/80	940972
23/29/34/40	4000	3050/3650/4200/4750	MAT	-	LS2	-	1432/85/80	940989
23/29/34/40	4000	3050/3650/4200/4750	MAT	-	-	+	1432/85/80	940996

TYTAN 2 LED BASIC

Power [W]	Colour temperature [K]	Luminaire luminous flux [lm]	Dimensions (H/W/D) [mm]	Energy class	Index
TYTAN 2 LED BASIC 30W					
30	4000	3900	1152/85/80	A+	908736
TYTAN 2 LED BASIC 43W					
43	4000	5850	1152/85/80	A+	908743
TYTAN 2 LED BASIC 44W					
44	4000	6250	1432/85/80	A+	909900
TYTAN 2 LED BASIC 50W					
50	4000	6800	1152/85/80	A+	908750
TYTAN 2 LED BASIC 75W					
75	4000	10000	1432/85/80	A+	908767

TYTAN 2 LED 24-48V

Power [W]	Colour temperature [K]	Luminaire luminous flux [lm]	Diffuser type	Energy class	Index
19	4000	2750	MATT	A+	355165





Light modules

Luminaire version	Index
TYTAN 2 LED	
1150mm 2450lm 830	941856
1150mm 2650lm 840	941375
1150mm 2650lm 850	942358
1150mm 4150lm 830	941863
1150mm 4550lm 840	941382
1150mm 4550lm 850	942365
1450mm 5250lm 830	941887
1450mm 5650lm 840	941405
1450mm 5650lm 850	942389
1450mm 6550lm 830	941894
1450mm 7050lm 840	941412
1450mm 7050lm 850	942396
1150mm 7300/8400lm 830	941870
1150mm 7850/9050lm 840	941399
1150mm 7850/9050lm 850	942372
1150mm 7300/8400lm 830	941870
1150mm 7850/9050lm 840	941399
1150mm 7850/9050lm 850	942372
1450mm 10500lm 830	941900
1450mm 11300lm 840	941429
1450mm 11300lm 850	942402
TYTAN 2 LED 24-48 V	
1150mm 2650lm 840	941375
TYTAN 2 LED BASIC	
1150mm 3900lm 840	367267
1150mm 5850lm 840	367274
1450mm 6250lm 840	367304
1150mm 6800lm 840	367281
1450mm 10000lm 840	367298

Luminaire version	Index
TYTAN 2 LED CHEMA	
1150mm 4550lm 840	367311
1450mm 5650lm 840	367342
1150mm 7850lm 840	367328
1450mm 11300lm 840	367335
TYTAN 2 LED ENDURA MINUS	
1150mm 7850/9050lm 840	941399
1450mm 11300lm 840	941429
TYTAN 2 LED ENDURA PLUS	
1150mm 7850/9050lm 840	941399
1450mm 5650lm 840	941405
1150mm 7850/9050lm 840	941399
1450mm 11300lm 840	941429
TYTAN 2 LED HALL	
1150mm 8200lm 60D 840	367106
1150mm 8250lm 70D 840	367113
1150mm 8350lm 90D 840	367120
1450mm 10200lm 60D 840	367229
1450mm 10300lm 70D 840	367236
1450mm 10400lm 90D 840	367243

Accessories

Name	Index
Adjustable handle (2 pieces)	908200
Protective grid - 1152 mm	907913
Protective grid - 1432 mm	907920
IP68 cable gland	16000507
M16 cable gland plug	60000006
Cable gland with a PG 13.5 nut	80000378



Optimisation of palletising means savings in storage and transport

TYTAN LED packaging is stable and durable. It has been designed to perfectly fit the dimensions of the pallet. Thanks to this, it is possible to transport a large number of products on one pallet, which significantly reduces the costs of transport.



**CE** | All our products meet the requirements of the European Union's declaration

Luminaire parameters are given with tolerance permitted by the standard. The manufacturer reserves the right to change the parameters of the product not for the worse, in the course of its improvement, and to make design changes or upgrade the product. Materials presented in the booklet are not a commercial offer. The complete, current offer of Lena Lighting along with current parameters can be found at [www.lenalighting.pl](http://www.lenalighting.pl).

Date of publication: September 28, 2020





## **TYTAN LED family**

Multi-purpose  
hermetic luminaires.  
Recognised and tested  
for years.

Lena Lighting S.A.  
ul. Kórnicka 52  
63-000 Środa Wielkopolska  
tel. +48 (61) 28 60 300  
email: [office@lenalighting.pl](mailto:office@lenalighting.pl)

[www.lenalighting.pl/en](http://www.lenalighting.pl/en)

[tytan.lenalighting.pl/en](http://tytan.lenalighting.pl/en)