

# TYTAN 2 LED BASIC 1450MM 6800LM 840 IP66 LS2 45W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                             | 909931 |
| <b>Ingress protection:</b>                | IP66   |
| <b>Impact resistance:</b>                 | IK09   |
| <b>Rated power of the luminaire [W]*:</b> | 45     |
| <b>Luminous flux [lm]*:</b>               | 6800   |
| <b>Colour temperature [K]:</b>            | 4000   |
| <b>Energy efficiency class:</b>           | C      |
| <b>Material of the body:</b>              | PC     |
| <b>Colour of the body:</b>                | grey   |
| <b>Diffuser material:</b>                 | PC     |

## CHARACTERISTICS

TYTAN 2 LED BASIC is a basic line of lighting fixtures which provides an excellent alternative to traditional fluorescent lamps. The lighting fixture has been designed from scratch. TYTAN 2 LED BASIC includes new solutions which improve the light distribution and the temperature balance. The new LED panels ensure high luminous efficacy of <math><150\text{lm/W}</math>. This provides the required level of lighting along with significant energy savings. The lighting fixture includes many improvements which facilitate and speed up the installation process: a solution involving the integration of the diffuser with the LED panel, a diffuser suspension system, and adjustable mounting brackets with an installation tolerance of  $\pm 50$  mm. As a standard, the fixture is equipped with robust clips made of stainless steel (INOX). The body of the fixture and the diffuser are resistant to UV radiation.

## APPLICATION

The multifunctional LED lamp is designed for use in areas with high requirements for dust and water resistance. Especially recommended for lighting public facilities, including hospitals, educational facilities, halls, garages, passages, warehouses, shops, food industry, commercial and industrial facilities (factories, laboratories), warehouses, parking lots (underground and multi-level), sports stadiums, transport terminals and underground passages. The luminaire is ideal for new lighting applications as well as replacing traditional fluorescent luminaires with energy-saving LED solutions. Its design is adapted for surface and suspended mounting.

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## TECHNICAL PARAMETERS TABLE

|                                   |               |                           |  |
|-----------------------------------|---------------|---------------------------|--|
| Nominal power [W]:                | 45            | Material of the body:     | PC                                       |
| Index:                            | 909931        | Colour of the body:       | grey                                     |
| EAN:                              | 5905963909931 | Mounting dimensions [mm]: | 970                                      |
| Colour temperature [K]:           | 4000          | Impact resistance:        | IK09                                     |
| Light source:                     | LED module    | Ingress protection:       | IP66                                     |
| Luminous flux [lm]:               | 6800          | Working temperature [°C]: | from -20 to +35                          |
| Rated power of the luminaire [W]: | 45            | Net weight [kg]:          | 43832                                    |
| Supply voltage [V]:               | 220-240       | Category type:            | battens                                  |
| Frequency [Hz]:                   | 50 - 60       | AC voltage range [V]:     | 220 - 240                                |
| Through wiring:                   | LS2           | LED lifespan L70B50 [h]:  | 103000                                   |
| Dimensions (H/W/T/S) [mm]:        | 1432/85/80    | LED lifespan L80B20 [h]:  | 65000                                    |
| Luminous efficacy [lm/W]:         | 151           | LED lifespan L90B10 [h]:  | 32000                                    |
| Energy efficiency class:          | C             | Photobiological safety:   | RG0 - exempt (no photobiological hazard) |
| Electrical protection class:      | I             | Category of application:  | commercial facilities, industrial        |
| Colour rendering index:           | >80           | Mark D:                   | yes                                      |
| SDCM:                             | ≤ 3           | Wire type:                | 5x2,5                                    |
| Power factor:                     | 0.96          | Warranty [years]:         | 5  |
| Exchangeable source:              | yes           | CE certificate:           | <a href="#">274/2023</a>                 |
| Surge protection [kV]:            | 2             | ENEC Certificate:         | <a href="#">0310/ENEC/23</a>             |
| Diffuser material:                | PC            | PZH certificate:          | <a href="#">B-BK-60212-0152/20</a>       |
| Diffuser type:                    | MAT           | HACCP:                    | <a href="#">852/2004</a>                 |
|                                   |               | Manual:                   | <a href="#">Download PDF</a>             |
|                                   |               | Plik LDT:                 |  |

## TECHNICAL DETAILS



regulowane uchwyty / adjustable handles / einstellbare Halterungen



system zwieszania klosza / suspension system of the diffuser / hängende Diffusor



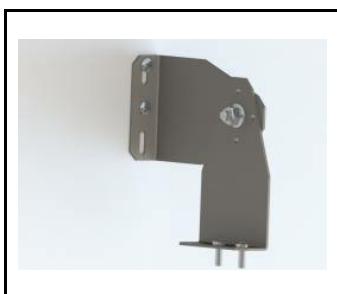
wybór miejsca zasilania / choosing a place of power supply / Stromversorgungsanschluss von mehreren Seite möglich

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## ACCESSORIES AVAILABLE

| index    | Name  |
|----------|---|
| 908200   | TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) |
| 907913   | TYTAN LED. ATLAS LED - protective grid 1152mm                     |
| 907920   | TYTAN LED. ATLAS LED - protective grid 1432mm                     |
| 16000507 | Breathable gland gray M20*1.5 IP68                                |
| 60000006 | M16 stuffing box plug various PA black M-16 - BPM-21              |



TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) (908200)



TYTAN LED. ATLAS LED - protective grid 1152mm (907913)



TYTAN LED. ATLAS LED - protective grid 1432mm (907920)



Breathable gland gray M20\*1.5 IP68 (16000507)



M16 stuffing box plug various PA black M-16 - BPM-21 (60000006)

Card creation date: 08 January 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: 274/2023