

# TYTAN 2 LED 1150MM 4550LM 850 IP66 DALI 28W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 941986 |
| <b>Ingress protection:</b>      | IP66   |
| <b>Impact resistance:</b>       | IK09   |
| <b>Nominal power [W]:</b>       | 28     |
| <b>Luminous flux [lm]*:</b>     | 4550   |
| <b>Colour temperature [K]:</b>  | 5000   |
| <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 is a fitting from NEXT GEN line, which is a new generation of fittings in LED technology. The fitting, designed from scratch, allows new solutions improving the light distribution and temperature balance. Branded LED diodes and new LED modules have influence on a very high luminous efficacy: 155 lm/W. It guarantees the best required lighting level and energy saving up to 68%. The solution based on integration of the diffuser and LED module is applied in the fitting. The fitting has a lot of facilities making the mounting easier and faster: the system of diffuser suspension, adjustable mounting brackets ensuring the mounting tolerance +/-50mm. Standard equipment of the fitting: 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

|  |               |   |   |
|--|---------------|---|---|
| <b>Index:</b>                            | 941986        | <b>Mounting version:</b>                        | surface, suspended                            |
| <b>EAN:</b>                              | 5905963941986 | <b>Working temperature [°C]:</b>                | from -20 to +35                               |
| <b>Light source:</b>                     | LED module    | <b>DIMM DALI:</b>                               | yes   |
| <b>Nominal power [W]:</b>                | 28            | <b>Number on the palette [pcs]:</b>             | 100   |
| <b>Rated power of the luminaire [W]:</b> | 29.75         | <b>Net weight [kg]:</b>                         | 1.500   |
| <b>Supply voltage [V]:</b>               | 220-240       | <b>Mark D:</b>                                  | yes   |
| <b>Frequency [Hz]:</b>                   | 50 - 60       | <b>Category type:</b>                           | battens                                       |
| <b>Luminous flux [lm]:</b>               | 4550          | <b>Category of application:</b>                 | industrial                                    |
| <b>Luminous efficacy [lm/W]:</b>         | 153           | <b>AC voltage range [V]:</b>                    | 220 - 240                                     |
| <b>Energy efficiency class:</b>          | C             | <b>LED lifespan L70B50 [h]:</b>                 | 109000  |
| <b>Electrical protection class:</b>      | I             | <b>LED lifespan L80B10 [h]:</b>                 | 69000   |
| <b>Colour temperature [K]:</b>           | 5000          | <b>LED lifespan L90B10 [h]:</b>                 | 34000   |
| <b>Color rendering index (Ra) &gt;:</b>  | 80            | <b>ETIM class:</b>                              | EC000109                                      |
| <b>SDCM:</b>                             | 3             | <b>The number of implement units:</b>           | 1   |
| <b>Power factor:</b>                     | 0.92          | <b>Photobiological safety:</b>                  | RG0 - exempt (no photobiological hazard)      |
| <b>Exchangeable source:</b>              | yes           | <b>Technical Warranty:</b>                      | 5   |
| <b>Diffuser material:</b>                | PC            | <b>CE certificate:</b>                          | <a href="#">127/2023</a>                      |
| <b>Diffuser type:</b>                    | matt          | <b>ENEC Certificate:</b>                        | <a href="#">0310/ENEC/23</a>                  |
| <b>Material of the body:</b>             | PC            | <b>HACCP:</b>                                   | <a href="#">852/2004</a>                      |
| <b>Colour of the body:</b>               | grey          | <b>PZH certificate:</b>                         | <a href="#">B-BK-60112-0280/2025</a>          |
| <b>Dimensions (H/W/T/S) [mm]:</b>        | 1152/85/80    | <b>Environmental Product Declaration (EPD):</b> | <a href="#">944/2026</a>                      |
| <b>Mounting dimensions [mm]:</b>         | 800           | <b>Manual:</b>                                  | <a href="#">Download PDF</a>                  |
| <b>Impact resistance:</b>                | IK09          | <b>ISO Certificates:</b>                        | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| <b>Ingress protection:</b>               | IP66          | <b>Plik LDT:</b>                                | <a href="#">Download</a>                      |

## LIGHT CURVES



# TYTAN 2 LED 1150MM 4550LM 850 IP66 DALI 28W

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## 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

# TYTAN 2 LED 1150MM 4550LM 850 IP66 DALI 28W

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## ACCESSORIES AVAILABLE

| index    | Name  |
|----------|---|
| 908200   | TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) |
| 60000006 | M16 stuffing box plug various PA black M-16 - BPM-21              |
| 941375   | TYTAN 2 LED 1150mm 2650lm 840 - lighting module                   |
| 941382   | TYTAN 2 LED 1150mm 4550lm 840 - lighting module                   |
| 941405   | TYTAN 2 LED 1450mm 5650lm 840 - lighting module                   |
| 941412   | TYTAN 2 LED 1450mm 7050lm 840 - lighting module                   |
| 941429   | TYTAN 2 LED 1450mm 11300lm 840 - lighting module                  |
| 941856   | TYTAN 2 LED 1150mm 2450lm 830 - lighting module                   |
| 941863   | TYTAN 2 LED 1150mm 4150lm 830 - lighting module                   |
| 941870   | TYTAN 2 LED 1150mm 7300/8400lm 830 - lighting module              |
| 941887   | TYTAN 2 LED 1450mm 5250lm 830 - lighting module                   |
| 941894   | TYTAN 2 LED 1450mm 6550lm 830 - lighting module                   |
| 941900   | TYTAN 2 LED 1450mm 10500lm 830 - lighting module                  |
| 942358   | TYTAN 2 LED 1150mm 2650lm 850 - lighting module                   |
| 942365   | TYTAN 2 LED 1150mm 4550lm 850 - lighting module                   |
| 942372   | TYTAN 2 LED 1150mm 7850/9050lm 850 - lighting module              |
| 942389   | TYTAN 2 LED 1450mm 5650lm 850 - lighting module                   |
| 942396   | TYTAN 2 LED 1450mm 7050lm 850 - lighting module                   |
| 942402   | TYTAN 2 LED 1450mm 11300lm 850 - lighting module                  |



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



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

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: 127/2023