# TYTAN LED HALL 1450MM 9800LM IP66 RAPID-A 840 (70W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Nominal power [W]:** | 70 |
| **Luminous flux [lm]*:** | 9800 |
| **Colour temperature [K]:** | 4000 |
| **Colour rendering index:** | >80 |
| **SDCM:** | ≤ 3 |
| **Material of the body:** | PC |
| **Diffuser material:** | PC |
| **Diffuser type:** | transparent |

## CHARACTERISTICS

TYTAN 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: 150 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 +/- 40mm. Standard equipment of the fitting: clips made of stainless steel (INOX). Electrical protection class II available on request. Motion sensor mounting height: up to 5 meters.

TYTAN LED series has won the first prize in technical and commercial area lighting category during the 25th International Fair of Lighting Equipment LIGHT 2017 in Warsaw.

## 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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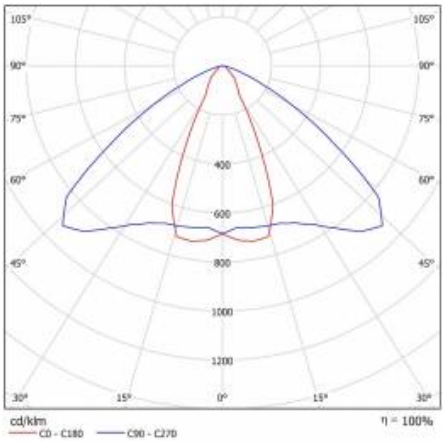
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 907197 |
| **EAN:** | 5905963907197 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 70 |
| **Rated power of the luminaire [W]:** | 72.90 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 9800 |
| **Luminous efficacy [lm/W]:** | 134 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Colour rendering index:** | >80 |
| **SDCM:** | ≤ 3 |
| **Power factor:** | 0.98 |
| **LED lifespan L70B50 [h]:** | 74000 |
| **LED lifespan L80B20 [h]:** | 54000 |
| **LED lifespan L90B10 [h]:** | 31000 |
| **Beam angle [°]:** | 45 |
| **Diffuser material:** | PC |

| | |
|---|---|
| **Diffuser type:** | transparent |
| **Optics:** | lens |
| **Material of the body:** | PC |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 1432/85/80 |
| **Impact resistance:** | IK09 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | from -20 to +35 |
| **Net weight [kg]:** | 2.180 |
| **Warranty [years]:** | 5 |
| **Category type:** | battens |
| **Version:** | RAPID-A |
| **ETIM class:** | EC000109 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **CE certificate:** | 197/2020 |
| **PZH certificate:** | HK/K/0199/01/2017 |
| **HACCP:** | 852/2004 |
| **Manual:** | Download PDF |

## LIGHT CURVES



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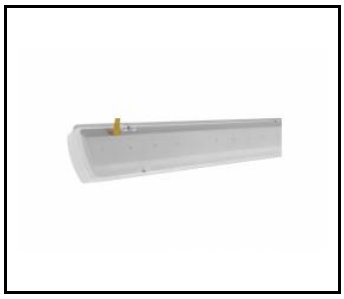
DETAILED CARD

## ACCESSORIES AVAILABLE

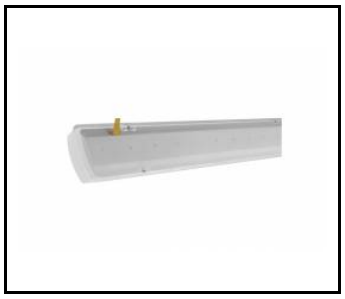
| index | Name |
|---|---|
| 907708 | TYTAN LED HALL 1150mm 7350lm 830 - lighting module |
| 907715 | TYTAN LED HALL 1150mm 7800lm 840 - lighting module |
| 907739 | TYTAN LED HALL 1450mm 9200lm 830 - lighting module |
| 907746 | TYTAN LED HALL 1450mm 9800lm 840 - lighting module |
| 908200 | TYTAN LED. 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 |
| 80000378 | Cable gland PG 13.5 Titanium PA 6.6 gray with nut |
| 908231 | TYTAN LED - holder |
| 80000279 | Gland. beam, Codar, soft polyvinyl chloride (PVC-P), gray |

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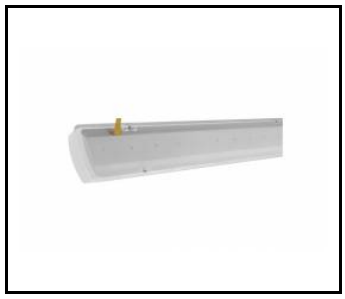
DETAILED CARD



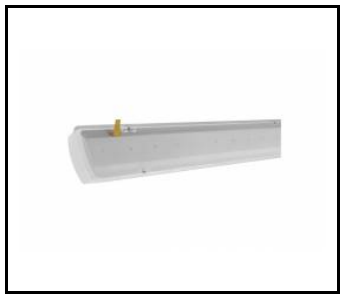
TYTAN LED HALL 1150mm 7350lm 830 - lighting module (907708)



TYTAN LED HALL 1150mm 7800lm 840 - lighting module (907715)



TYTAN LED HALL 1450mm 9200lm 830 - lighting module (907739)



TYTAN LED HALL 1450mm 9800lm 840 - lighting module (907746)



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: 11 March 2021

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: 197/2020

LENA LIGHTING

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