

TYTAN LED PRO 1450MM 10900LM 840 IP66 (59W) RCR

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---------------------------------|--------|
| Index: | 389252 |
| Ingress protection: | IP66 |
| Impact resistance: | IK09 |
| Nominal power [W]: | 59 |
| Luminous flux [lm]*: | 10900 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | >80 |
| SDCM: | ≤ 3 |
| Energy efficiency class: | B |
| Material of the body: | PC |

CHARACTERISTICS

TYTAN LED PRO 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: up to 178 lm/W. It guarantees the best required lighting level and energy saving. The solution based on integration of the diffuser and LED panel 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). Motion sensor mounting height: up to 5 meters.

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

| | | | |
|-----------------------------------|---------------|----------------------------|-----------------------------------------------------------------------------|
| Index: | 389252 | Optics material: | PC |
| EAN: | 5905963389252 | Material of the body: | PC |
| Light source: | LED module | Colour of the body: | grey |
| Nominal power [W]: | 59 | Dimensions (H/W/T/S) [mm]: | 1432/85/80 |
| Rated power of the luminaire [W]: | 63.29 | Impact resistance: | IK09 |
| Frequency [Hz]: | 50 - 60 | Ingress protection: | IP66 |
| Luminous flux [lm]: | 10900 | Mounting version: | surface, suspended |
| Luminous efficacy [lm/W]: | 172 | Working temperature [°C]: | from -20 to +40 |
| Energy efficiency class: | B | Motion sensor: | yes |
| Electrical protection class: | I | Warranty [years]: | 5 |
| Colour temperature [K]: | 4000 | Mark D: | yes |
| Colour rendering index: | >80 | AC voltage range [V]: | 220 - 240 |
| SDCM: | ≤ 3 | Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Power factor: | 0.95 | ETIM class: | EC000109 |
| LED lifespan L70B50 [h]: | 177000 | Net weight [kg]: | 1.810 |
| LED lifespan L80B20 [h]: | 111000 | Warranty [years]: | 5 |
| LED lifespan L90B10 [h]: | 53000 | CE certificate: | 79/2023 |
| Exchangeable source: | yes | PZH certificate: | B-BK-60212-0152/20 |
| Diffuser material: | PC | HACCP: | 852/2004 |
| Diffuser type: | MAT | Manual: | Download PDF |
| Diffuser colour: | white | ENEC Certificate: | 0310/ENEC/23 |

LIGHT CURVES



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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

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ACCESSORIES AVAILABLE

| index | Name |
|----------|-----------------------------------------------------------|
| 907913 | TYTAN LED. ATLAS LED - protective grid 1152mm |
| 907920 | TYTAN LED. ATLAS LED - protective grid 1432mm |
| 16000507 | Breathable gland gray M20*1.5 IP68 |
| 358937 | TYTAN MULTI LED 1150mm 2500-4300lm 840 - lighting module |
| 358944 | TYTAN MULTI LED 1150mm 5000-8700lm 840 - lighting module |
| 358951 | TYTAN MULTI LED 1450mm 3150-5450lm 840 - lighting module |
| 60000006 | M16 stuffing box plug various PA black M-16 - BPM-21 |
| 908231 | TYTAN LED - holder |
| 80000279 | Gland. beam, Codar, soft polyvinyl chloride (PVC-P), gray |



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



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



Breathable gland gray M20*1.5 IP68 (16000507)



TYTAN MULTI LED 1150mm 2500-4300lm 840 - lighting module (358937)



TYTAN MULTI LED 1150mm 5000-8700lm 840 - lighting module (358944)



TYTAN MULTI LED 1450mm 3150-5450lm 840 - lighting module (358951)



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

Card creation date: 13 March 2024

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: 79/2023