

# TYTAN LED 1150MM 7000LM IP66 RCR 830 (46W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |        |
|---|--------|
| <b>Index:</b>                           | 906442 |
| <b>Ingress protection:</b>              | IP66   |
| <b>Impact resistance:</b>               | IK09   |
| <b>Nominal power [W]:</b>               | 46     |
| <b>Luminous flux [lm]*:</b>             | 7000   |
| <b>Colour temperature [K]:</b>          | 3000   |
| <b>Color rendering index (Ra) &gt;:</b> | 80     |
| <b>SDCM:</b>                            | 3      |
| <b>Material of the body:</b>            | PC     |
| <b>Diffuser material:</b>               | PC     |

## 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). Color temperature 3000K, 4000K; CRI>80; Standard Deviation Colour Matching (SDCM): ≤3; lifespan of LED L70B50: 100000h (16W, 29W, 35W, 43W, 46W, 56W) i 90000h (70W), ta=25C. Motion sensor mounting height: up to 5 meters. Electrical protection class II available on request.

## APPLICATION

A multipurpose LED fitting intended for using in the areas where high dust and moisture resistance is required. Highly recommended to be used in industrial buildings (factories, laboratories), warehouses, car parks (underground and multilevel), sports stadiums, transport terminals and underground passageways. The fitting works perfectly while designing new applications as well as replacing traditional fluorescent luminaires with energy-saving LED solutions. Its construction is intended both for surface and suspended mounting. Adjustable mounting brackets (the mounting tolerance +/-40mm). Suspended diffuser integrated with LED GO! panel.

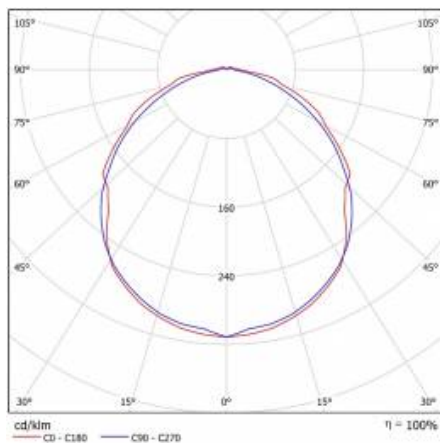
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## TECHNICAL PARAMETERS TABLE

|                               |               |                            |                                   |
|-------------------------------|---------------|----------------------------|-----------------------------------|
| Index:                        | 906442        | Diffuser type:             | matt                              |
| EAN:                          | 5905963906442 | Material of the body:      | PC                                |
| Light source:                 | LED module    | Colour of the body:        | grey                              |
| Nominal power [W]:            | 46            | Dimensions (H/W/T/S) [mm]: | 1152/85/80                        |
| Luminous flux [lm]:           | 7000          | Impact resistance:         | IK09                              |
| Supply voltage [V]:           | 220-240       | Ingress protection:        | IP66                              |
| Frequency [Hz]:               | 50 - 60       | Working temperature [°C]:  | from -15 to +35                   |
| Luminous efficacy [lm/W]:     | 145           | Motion sensor:             | yes                               |
| Energy efficiency class:      | C             | Net weight [kg]:           | 1.470                             |
| Electrical protection class:  | I             | Mark D:                    | yes                               |
| Colour temperature [K]:       | 3000          | Warranty [years]:          | 5                                 |
| Color rendering index (Ra) >: | 80            | Warranty [years]:          | 5                                 |
| SDCM:                         | 3             | CE certificate:            | <a href="#">161/2020</a>          |
| LED lifespan L70B50 [h]:      | 116000        | ENEC Certificate:          | <a href="#">0310/ENEC/23</a>      |
| LED lifespan L80B10 [h]:      | 72000         | PZH certificate:           | <a href="#">HK/K/0199/01/2017</a> |
| LED lifespan L90B10 [h]:      | 35000         | HACCP:                     | <a href="#">852/2004</a>          |
| Beam angle [°]:               | 120           | Manual:                    | <a href="#">Download PDF</a>      |
| Diffuser material:            | PC            |                            |                                   |

## LIGHT CURVES



# TYTAN LED 1150MM 7000LM IP66 RCR 830 (46W)

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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 LED 1150MM 7000LM IP66 RCR 830 (46W)

DETAILED CARD

## ACCESSORIES AVAILABLE

| index    | Name  |
|----------|---|
| 907265   | TYTAN LED 1150mm 4200lm 830 - lighting module                     |
| 907272   | TYTAN LED 1150mm 4500lm 840 - lighting module                     |
| 907289   | TYTAN LED 1150mm 7000/8600lm 830 - lighting module                |
| 907296   | TYTAN LED 1150mm 7400/9000lm 840 - lighting module                |
| 907755   | TYTAN LED 1450mm 5200lm 830 - lighting module                     |
| 907760   | TYTAN LED 1450mm 5500lm 840 - lighting module                     |
| 907302   | TYTAN LED 1450mm 6500/10300lm 830 - lighting module               |
| 907319   | TYTAN LED 1450mm 7000/10900lm 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                                |
| 909009   | TYTAN LED 1150mm 2300lm 830 - lighting module (2018.09)           |
| 909016   | TYTAN LED 1150mm 2500lm 840 - lighting module (2018.09)           |
| 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         |

# TYTAN LED 1150MM 7000LM IP66 RCR 830 (46W)

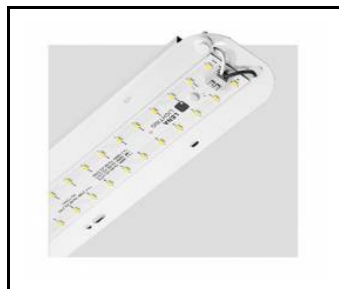
## DETAILED CARD



TYTAN LED 1150mm 4200lm 830 - lighting module (907265)



TYTAN LED 1150mm 4500lm 840 - lighting module (907272)



TYTAN LED 1150mm 7000/8600lm 830 - lighting module (907289)



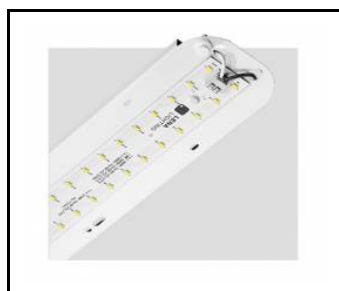
TYTAN LED 1150mm 7400/9000lm 840 - lighting module (907296)



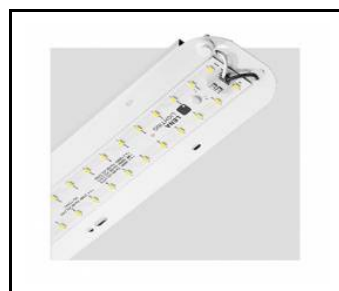
TYTAN LED 1450mm 5200lm 830 - lighting module (907755)



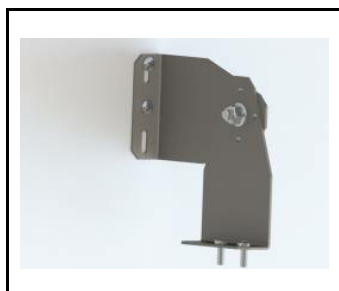
TYTAN LED 1450mm 5500lm 840 - lighting module (907760)



TYTAN LED 1450mm 6500/10300lm 830 - lighting module (907302)



TYTAN LED 1450mm 7000/10900lm 840 - lighting module (907319)



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)



TYTAN LED 1150mm 2300lm 830 - lighting module (2018.09) (909009)



TYTAN LED 1150mm 2500lm 840 - lighting module (2018.09) (909016)



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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 161/2020



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