

# INDUSTRY IP66 LED 1450MM 12650LM 840 DALI 70D (83W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |           |
|---------------------------------|-----------|
| <b>Index:</b>                   | 663840    |
| <b>Ingress protection:</b>      | IP66      |
| <b>Nominal power [W]:</b>       | 83        |
| <b>Luminous flux [lm]*:</b>     | 12650     |
| <b>Colour temperature [K]:</b>  | 4000      |
| <b>Colour rendering index:</b>  | >80       |
| <b>SDCM:</b>                    | ≤ 3       |
| <b>Energy efficiency class:</b> | C         |
| <b>Material of the body:</b>    | aluminium |
| <b>Diffuser material:</b>       | glass     |

## CHARACTERISTICS

INDUSTRY IP66 LED is a hermetic beam from the NEXT GEN line, which is a new generation of lamps dedicated to LED technology. The body, made from scratch, made of aluminum profile and subjected to anodization process, provides the luminaire with strength and solidity, and the narrow side profile allows installation in hard to reach places. LEDs from a reputable manufacturer and new LED modules have an impact on very high luminous efficacy: up to 163 lm / W. This guarantees that the required lighting level is achieved and that significant energy savings are achieved. The lampshade is made of UV resistant tempered glass. The combination of materials (aluminum and toughened glass) and a non-dismantled construction with an external connector provides the luminaire with high resistance to harsh environmental conditions.  
Suitable for surface and suspended mounting.  
Options: any RAL color; diffuser made of PC or PMMA.

## APPLICATION

The multi-purpose LED luminaire has been designed for use in areas requiring high dust and water resistance. It is especially recommended for use in rooms intended for medical and laboratory purposes as well as in industrial premises.

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|                                   |               |                                |                                    |
|-----------------------------------|---------------|--------------------------------|------------------------------------|
| Index:                            | 663840        | Diffuser type:                 | transparent                        |
| EAN:                              | 5905963663840 | Diffuser colour:               | transparent                        |
| Rated power of the luminaire [W]: | 90.57         | Optics:                        | lens                               |
| Luminous flux [lm]:               | 12650         | Optics material:               | PMMA                               |
| Supply voltage [V]:               | 220 - 240     | Material of the body:          | aluminium                          |
| Frequency [Hz]:                   | 50 - 60       | Colour of the body:            | grey                               |
| Luminous efficacy [lm/W]:         | 140           | Dimensions (H/W/T/S) [mm]:     | 1450/63/55                         |
| Energy efficiency class:          | C             | Impact resistance:             | IK08                               |
| Electrical protection class:      | I             | Ingress protection:            | IP66                               |
| Colour temperature [K]:           | 4000          | Working temperature [°C]:      | from -15 to +35                    |
| Colour rendering index:           | >80           | DIMM DALI:                     | yes                                |
| SDCM:                             | ≤ 3           | Net weight [kg]:               | 3.350                              |
| LED lifespan L70B50 [h]:          | 108000        | Warranty [years]:              | 5                                  |
| LED lifespan L80B20 [h]:          | 71000         | The number of implement units: | 1                                  |
| LED lifespan L90B10 [h]:          | 33000         | CE certificate:                | <a href="#">146/2023</a>           |
| Beam angle [°]:                   | 70            | PZH certificate:               | <a href="#">B-BK-60212-0322/20</a> |
| Diffuser material:                | glass         | Manual:                        | <a href="#">Download PDF</a>       |

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

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



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

Card creation date: 05 February 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: 146/2023