

# INDUSTRY IP66 LED MR 1150MM 40800LM 840 (255W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |           |
|---------------------------------|-----------|
| <b>Index:</b>                   | 552618    |
| <b>Ingress protection:</b>      | IP66      |
| <b>Impact resistance:</b>       | IK08      |
| <b>Nominal power [W]:</b>       | 255       |
| <b>Luminous flux [lm]*:</b>     | 40800     |
| <b>Colour temperature [K]:</b>  | 4000      |
| <b>Energy efficiency class:</b> | C         |
| <b>Material of the body:</b>    | aluminium |
| <b>Colour of the body:</b>      | grey      |
| <b>Diffuser material:</b>       | glass     |

## CHARACTERISTICS

INDUSTRY IP66 LED MR is a lamp 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 lamp with strength and solidity, as well as steel sheet ensuring installation stability. LEDs from a reputable manufacturer and new LED modules have an impact on very high luminous efficacy: up to 148 lm / W. This guarantees that the required lighting level is achieved and that significant energy savings are achieved. The shade 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 lamp with high resistance to harsh environmental conditions. The design of the lamp allows you to adjust the lighting angle of the two extreme modules, so there is the possibility of precise lighting of selected parts of the object. Suitable for suspended mounting. Options: any RAL color.

## 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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## TECHNICAL PARAMETERS TABLE

|                                   |              |                                |   |
|-----------------------------------|--------------|--------------------------------|---|
| Nominal power [W]:                | 255          | Impact resistance:             | IK08  |
| Index:                            | 552618       | Ingress protection:            | IP66  |
| Light source:                     | LED module   | Mounting version:              | suspended   |
| Colour temperature [K]:           | 4000         | Working temperature [°C]:      | from -15 to +35   |
| Luminous flux [lm]:               | 40800        | Net weight [kg]:               | 8.400   |
| Rated power of the luminaire [W]: | 276.60       | Warranty [years]:              | 5   |
| Supply voltage [V]:               | 220-240      | Category type:                 | battens   |
| Frequency [Hz]:                   | 50 - 60      | AC voltage range [V]:          | 198 - 264   |
| Beam angle [°]:                   | 110          | DC voltage range [V]:          | 176 - 280   |
| Dimensions (H/W/T/S) [mm]:        | 1150/205/125 | LED lifespan L70B50 [h]:       | 108000  |
| Energy efficiency class:          | C            | LED lifespan L80B20 [h]:       | 71000   |
| Luminous efficacy [lm/W]:         | 148          | LED lifespan L90B10 [h]:       | 33000   |
| Electrical protection class:      | I            | Photobiological safety:        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Colour rendering index:           | >80          | The number of implement units: | 3   |
| SDCM:                             | ≤ 3          | Warranty [years]:              | 5   |
| Diffuser material:                | glass        | CE certificate:                | <a href="#">148/2023</a>  |
| Material of the body:             | aluminium    | Manual:                        | <a href="#">Download PDF</a>  |
| Colour of the body:               | grey         | Plik LDT:                      |   |

## TECHNICAL DETAILS



INDUSTRY IP66 LED MR 2

Card creation date: 08 January 2025

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: 148/2023