# INDUSTRY 2 LED 1490MM 13700LM IP23 DALI LS1 840 90° (91W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Rated power of the luminaire [W]*:** | 91 |
| **Ingress protection:** | IP23 |
| **Impact resistance:** | IK07 |
| **Luminous flux [lm]*:** | 13700 |
| **Colour temperature [K]:** | 4000 |
| **Energy efficiency class:** | C |
| **Optics:** | lens |
| **Beam angle [°]:** | 90 |

## CHARACTERISTICS

Galvanized steel sheet Industrial luminaire with IP23, with in-built energy-saving LED modules. Thanks to line lenses, following light distribution angles are available: 90°, 60°, 45°.

## APPLICATION

Luminaire intended for warehouses, large stores, production halls and sports facilities. Meant for new installations and replacement of traditional T8 & T5 luminaires with energy saving LED sources.

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## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 672101 |
| **EAN:** | 5905963672101 |
| **Rated power of the luminaire [W]:** | 91 |
| **Luminous flux [lm]:** | 13700 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous efficacy [lm/W]:** | 150 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.92 |
| **LED lifespan L70B50 [h]:** | 100000 |
| **LED lifespan L80B10 [h]:** | 62000 |
| **LED lifespan L90B10 [h]:** | 31000 |
| **Beam angle [°]:** | 90 |
| **Optics:** | lens |
| **Optics material:** | PMMA |

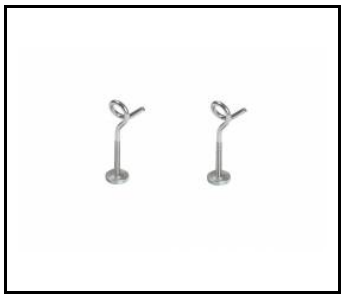
| | |
|---|---|
| **Material of the body:** | galvanized steel sheet |
| **Colour of the body:** | silver |
| **Dimensions (H/W/T/S) [mm]:** | 1490/137/70 |
| **Impact resistance:** | IK07 |
| **Ingress protection:** | IP23 |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | from -20 to +35 |
| **DIMM DALI:** | yes |
| **Control:** | DALI |
| **Through wiring:** | LS1 |
| **Net weight [kg]:** | 3.700 |
| **Additional accessories:** | protective grid, anti-glare louvre, hook for mounting on a rope |
| **The number of implement units:** | 1 |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 165/2023 |
| **Manual:** | Download PDF |
| **Environmental Product Declaration (EPD):** | 852/2025 |
| **Plik LDT:** | Download |

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## ACCESSORIES AVAILABLE

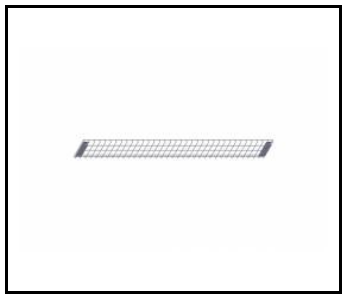
| index | Name |
|---|---|
| 541247 | INDUSTRY LED suspension cord for chain (pack of 2) |
| 543944 | INDUSTRY LED pendant hook on wire (pack of 2) |
| 541254 | INDUSTRY LED protective grid 1490mm (60/72/90/102W) |
| 908200 | TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) |
| 540011 | INDUSTRY LED raster 1210mm |
| 540004 | INDUSTRY LED raster 1490mm (60/72/90/102W) |
| 541599 | INDUSTRY LED protective grid 1210mm |
| 539992 | INDUSTRY LED protective grid 1490mm x3 (for 153W version) |



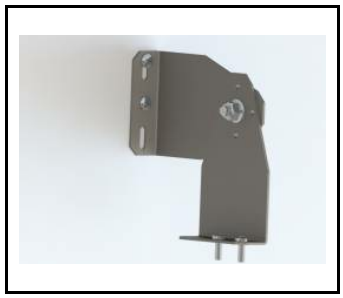
INDUSTRY LED suspension cord for chain (pack of 2) (541247)



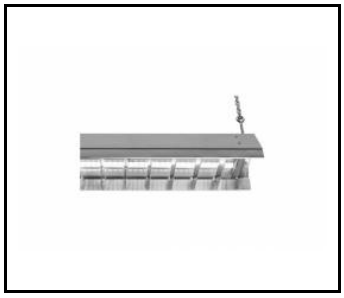
INDUSTRY LED pendant hook on wire (pack of 2) (543944)



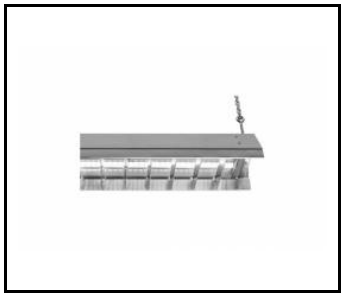
INDUSTRY LED protective grid 1490mm (60/72/90/102W) (541254)



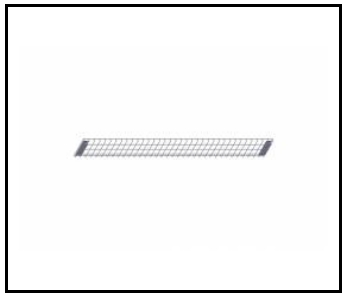
TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) (908200)



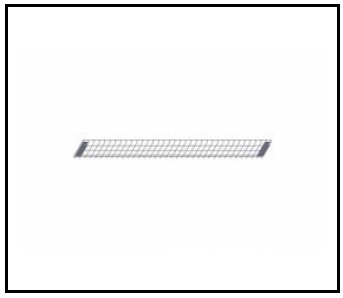
INDUSTRY LED raster 1210mm (540011)



INDUSTRY LED raster 1490mm (60/72/90/102W) (540004)



INDUSTRY LED protective grid 1210mm (541599)



INDUSTRY LED protective grid 1490mm x3 (for 153W version) (539992)

Card creation date: 16 December 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 165/2023

LENA LIGHTING

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