# TERRA 2 LED N-MAG 595X595MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 991059 |
| **Ingress protection:** | IP20 |
| **Nominal power [W]:** | 48 |
| **Luminous flux [lm]*:** | 3700 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Material of the body:** | powder coated steel |
| **Optics:** | black HE |
| **Mounting version:** | surface (magnet ver.) |
| **Dimensions (H/W/T/S) [mm]:** | 595/595/36 |

## CHARACTERISTICS

Recessed square LED luminaire with high total luminous Flux. Made of powder-coated white steel sheet. The luminaire has a patented HE reflector installed, which ensures efficiency and effectively eliminates glare. Available mounting versions: surface mounted, surface mounted on neodymium magnets (magnet ver. / N-MAG), flush-mounted in modular or KG ceilings (using an adapter), or suspended. In the surface-mounted version, solutions influencing the speed and safety of installation were used. In addition, the versions with neodymium magnets shorten the installation time of surface-mounted versions to an absolute minimum.
UGR <19
Unified Glare Rating is an indicator characterizing glare. The lower the Unified Lighting Rating Index (UGR), the lower the glare. In the case of luminaires designed for office spaces, UGR <19, among, others improves the comfort of work, reduces errors and fatigue. The UGR value also depends on many factors characterizing the room and the location of the observer. Special computer programs should be used to precisely determine the degree of glare for specific conditions.

## APPLICATION

General-purpose recessed luminaire for indoor application in offices or other utility rooms. Appropriate as the main light source even when the work requires eyesight concentration.

# TERRA 2 LED N-MAG 595X595MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

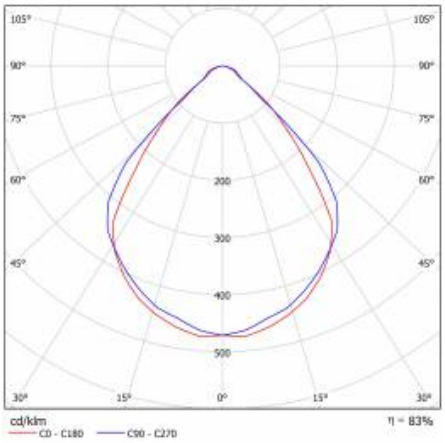
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 991059 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 48 |
| **Rated power of the luminaire [W]:** | 53.40 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 3700 |
| **Luminous efficacy [lm/W]:** | 69 |
| **Energy efficiency class:** | G |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.97 |
| **Optics:** | black HE |

| | |
|---|---|
| **Material of the body:** | powder coated steel |
| **Colour of the body:** | black mat |
| **Dimensions (H/W/T/S) [mm]:** | 595/595/36 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | surface (magnet ver.) |
| **Working temperature [°C]:** | from 0 to +35 |
| **Category type:** | troffers |
| **LED lifespan L70B50 [h]:** | 132000 |
| **LED lifespan L80B10 [h]:** | 84000 |
| **LED lifespan L90B10 [h]:** | 42000 |
| **Version:** | 2x1 |
| **CE certificate:** | 249/2023 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES



# TERRA 2 LED N-MAG 595X595MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

DETAILED CARD

**TECHNICAL DETAILS**



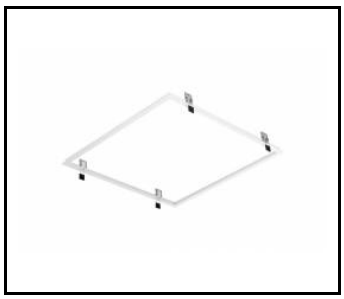
TERRA 2 LED

# TERRA 2 LED N-MAG 595X595MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

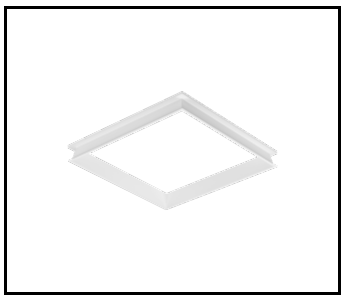
DETAILED CARD

## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 374845 | Frame adapter KG 635x635 WHITE |
| 998973 | Frame steel white gloss RAL9016 600x600 SM "well effect" |



Frame adapter KG 635x635 WHITE (374845)



Frame steel white gloss RAL9016 600x600 SM "well effect" (998973)



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: 249/2023

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl