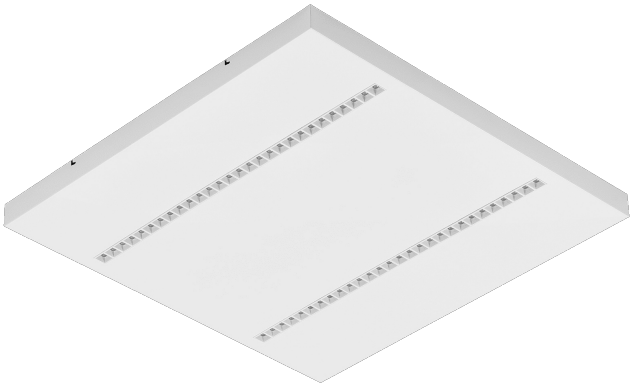
# TERRA 3 LED N 595X595MM X2 5900LM 830 WHITE MAT (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 426650 |
| **Rated power of the luminaire [W]*:** | 45 |
| **Luminous flux [lm]*:** | 5900 |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **Material of the body:** | powder coated steel |
| **Colour of the body:** | white mat |
| **Dimensions (H/W/T/S) [mm]:** | 595/595/37 |
| **Mounting version:** | surface |
| **Energy efficiency class:** | E |

## CHARACTERISTICS

A luminaire equipped with energy-efficient LED modules characterised by high luminous flux. The low side profile provides an aesthetically pleasing, timeless appearance. Robust, compact construction. Made of powder-coated steel sheet. Patented high-performance HE reflector guarantees high efficiency while effectively eliminating glare.

## APPLICATION

The versatile luminaire is designed for indoor use in offices or general utility rooms. Its high luminous parameters make it suitable as the main source of light and conducive to work requiring visual focus. The luminaire is suitable for both new applications and the replacement of traditional fluorescent lamps with energy-efficient LED solutions.

# TERRA 3 LED N 595X595MM X2 5900LM 830 WHITE MAT (45W)

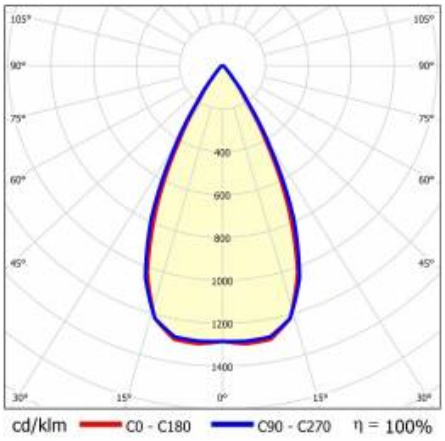
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 426650 |
| **EAN:** | 5905963426650 |
| **Light source:** | LED |
| **Rated power of the luminaire [W]:** | 45 |
| **Luminous flux [lm]:** | 5900 |
| **Luminous efficacy [lm/W]:** | 131 |
| **Ingress protection:** | IP20 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **Beam angle [°]:** | 60 |
| **Diffuser material:** | PC |
| **Diffuser type:** | matrix led |
| **Diffuser colour:** | transparent |
| **Optics material:** | PC |
| **Optics:** | lens |
| **Material of the body:** | powder coated steel |
| **Colour of the body:** | white mat |

| | |
|---|---|
| **Dimensions (H/W/T/S) [mm]:** | 595/595/37 |
| **Mounting version:** | surface |
| **Number on the palette [pcs]:** | 50 |
| **Net weight [kg]:** | 2.475 |
| **Category type:** | troffers |
| **Version:** | 2x1 |
| **Mounting dimensions [mm]:** | 300 |
| **Light distribution type:** | symmetric |
| **Working temperature [°C]:** | from 0 to +35 |
| **LED lifespan L70B50 [h]:** | 150000 |
| **LED lifespan L80B10 [h]:** | 100000 |
| **LED lifespan L90B10 [h]:** | 50000 |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 61/2025 |
| **Environmental Product Declaration (EPD):** | 869/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES

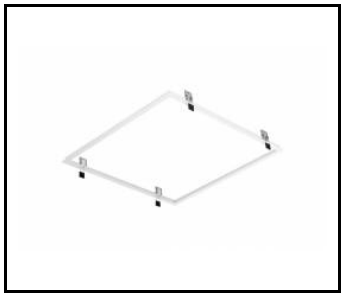


# TERRA 3 LED N 595X595MM X2 5900LM 830 WHITE MAT (45W)

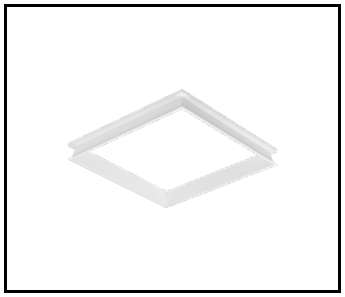
DETAILED CARD

## ACCESSORIES AVAILABLE

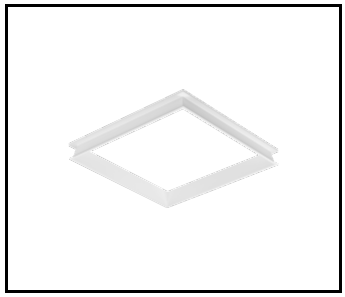
| index | Name |
|---|---|
| 374845 | Frame adapter KG 635x635 WHITE |
| 374852 | Frame adapter KG 1235x335 WHITE |
| 998966 | Frame steel white structure RAL9016 600x600 SM "well effect" |
| 998973 | Frame steel white gloss RAL9016 600x600 SM "well effect" |



Frame adapter KG 635x635 WHITE (374845)



Frame steel white structure RAL9016 600x600 SM "well effect" (998966)



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: 61/2025

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