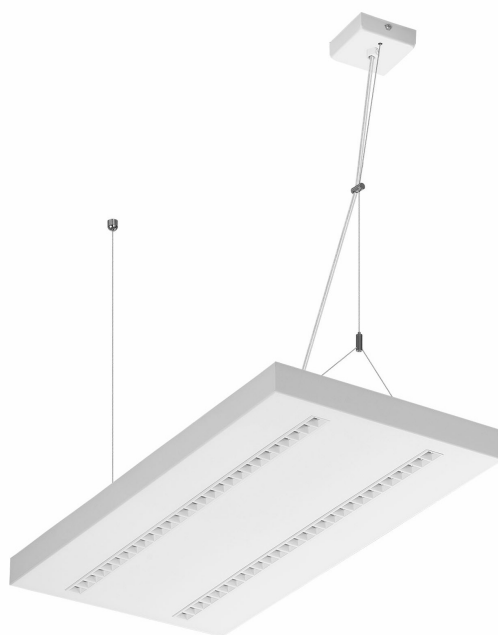


# TERRA 3 LED Z 595X300MM X2 5900LM 830 WHITE MAT (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |                     |
|------------------------------------|---------------------|
| Index:                             | 440755              |
| Rated power of the luminaire [W]*: | 45                  |
| Luminous flux [lm]*:               | 5900                |
| Colour temperature [K]:            | 3000                |
| Colour rendering index:            | >80                 |
| Material of the body:              | powder coated steel |
| Colour of the body:                | white mat           |
| Dimensions (H/W/T/S) [mm]:         | 595/300/38          |
| Mounting version:                  | suspended           |
| 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.

Available mounting versions: surface mounted, flush mounted in modular ceilings or pendant. The surface-mounted version features solutions for fast and safe installation.

UGR < 19

The Unified Glare Rating is an indicator that characterises glare. The lower the Unified Glare Rating (UGR), the lower the glare. In the case of lamps for office spaces, UGR<19 values translate into, among other things, greater working comfort, reduction of errors and fatigue. The UGR value also depends on a number of factors that characterise the room and the location of the observer. Dedicated computer programmes, among others, are used to precisely determine the degree of glare for specific conditions.

## 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.

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## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |                              |
|-----------------------------------|---------------|------------------------------|------------------------------|
| Rated power of the luminaire [W]: | 45            | Diffuser type:               | matrix led                   |
| Index:                            | 440755        | Diffuser colour:             | transparent                  |
| Colour temperature [K]:           | 3000          | Optics material:             | PC                           |
| EAN:                              | 5905963440755 | Optics:                      | lens                         |
| Luminous flux [lm]:               | 5900          | Material of the body:        | powder coated steel          |
| Light source:                     | LED           | Number on the palette [pcs]: | 60                           |
| Beam angle [°]:                   | 60            | Net weight [kg]:             | 3.400                        |
| Luminous efficacy [lm/W]:         | 131           | Category type:               | louvres                      |
| Colour of the body:               | white mat     | Mounting dimensions [mm]:    | 350/60                       |
| Ingress protection:               | IP20          | Light distribution type:     | symmetric                    |
| Version:                          | 2x1           | Working temperature [°C]:    | from -20 to +35              |
| Energy efficiency class:          | E             | LED lifespan L70B50 [h]:     | 156000                       |
| Mounting version:                 | suspended     | LED lifespan L80B20 [h]:     | 98000                        |
| Electrical protection class:      | II            | LED lifespan L90B10 [h]:     | 47000                        |
| Dimensions (H/W/T/S) [mm]:        | 595/300/38    | Warranty [years]:            | 5                            |
| Colour rendering index:           | >80           | CE certificate:              | <a href="#">62/2025</a>      |
| Diffuser material:                | PC            | Manual:                      | <a href="#">Download PDF</a> |
|                                   |               | Plik LDT:                    | <a href="#">Download</a>     |

## LIGHT CURVES



# TERRA 3 LED Z 595X300MM X2 5900LM 830 WHITE MAT (45W)

DETAILED CARD

## ACCESSORIES AVAILABLE

| index  | Name                                                         |
|--------|--------------------------------------------------------------|
| 999543 | Plasterboard recessing kit 630x630 white (steel version)     |
| 374845 | Frame adapter KG 635x635 WHITE                               |
| 998966 | Frame steel white structure RAL9016 600x600 SM "well effect" |



Plasterboard recessing kit 630x630 white (steel version) (999543)



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

Card creation date: 02 June 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: 62/2025



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