

# TERRA 2 LED ZW 595X595MM X4 830 WHITE MAT (MULTIWATT 40-49W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |                     |
|---|---------------------|
| <b>Index:</b>                           | 240171              |
| <b>Ingress protection:</b>              | IP20                |
| <b>Colour temperature [K]:</b>          | 3000                |
| <b>Color rendering index (Ra) &gt;:</b> | 80                  |
| <b>SDCM:</b>                            | 3                   |
| <b>Material of the body:</b>            | powder coated steel |
| <b>Beam angle [°]:</b>                  | 90                  |
| <b>Supply voltage [V]:</b>              | 220-240             |
| <b>Working temperature [°C]:</b>        | from -20 to +35     |
| <b>Warranty [years]:</b>                | 5                   |

## CHARACTERISTICS

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.

The MULTI luminaire version allows individual configuration: thanks to the built-in micoswitch, it is possible to choose one of three settings (nominal power of the fitting [W] / luminous flux of the fitting [lm]).

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 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.

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|  |                     |                            |   |
|--|---------------------|----------------------------|---|
| Index:                                       | 240171              | Dimensions (H/W/T/S) [mm]: | 595/595/38  |
| Light source:                                | LED module          | Ingress protection:        | IP20  |
| Nominal power [W] - range:                   | 40/44/49            | Mounting version:          | suspended   |
| Luminous flux of the luminaire [lm] - range: | 4500/4900/5050      | Working temperature [°C]:  | from -20 to +35   |
| Supply voltage [V]:                          | 220-240             | Category type:             | troffers  |
| Frequency [Hz]:                              | 50 - 60             | Version:                   | 4x1   |
| Energy efficiency class:                     | A+                  | LED lifespan L70B50 [h]:   | 132000  |
| Electrical protection class:                 | II                  | LED lifespan L80B10 [h]:   | 84000   |
| Colour temperature [K]:                      | 3000                | LED lifespan L90B10 [h]:   | 42000   |
| Color rendering index (Ra) >:                | 80                  | Photobiological safety:    | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| SDCM:  | 3                   | Warranty [years]:          | 5   |
| Power factor:                                | 0.96                | CE certificate:            | <a href="#">386/2023</a>  |
| Optics:                                      | HE                  | Manual:                    | <a href="#">Download PDF</a>  |
| Material of the body:                        | powder coated steel | Plik LDT:                  | <a href="#">Download</a>  |
| Colour of the body:                          | white mat           |                            |   |

## LIGHT CURVES



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## TECHNICAL DETAILS

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TERRA 2 LED

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## ACCESSORIES AVAILABLE

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



Frame adapter KG 635x635  
WHITE (374845)



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

Card creation date: 28 October 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: 386/2023