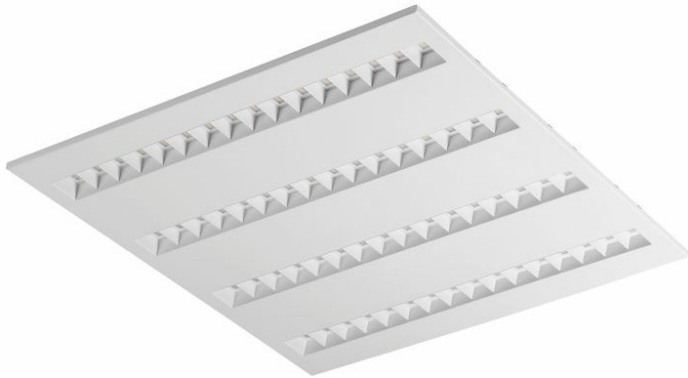


# TERRA 2 LED ZW 595X595MM X4 840 WHITE GLOSSY (MULTIWATT 40-49W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                           |                     |
|---------------------------|---------------------|
| Index:                    | 240157              |
| Ingress protection:       | IP20                |
| Colour temperature [K]:   | 4000                |
| Colour rendering index:   | 80                  |
| SDCM:                     | ≤ 3                 |
| Material of the body:     | powder coated steel |
| Beam angle [°]:           | 90                  |
| Supply voltage [V]:       | 220-240             |
| Working temperature [°C]: | from -20 to +35     |
| Warranty [years]:         | 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.

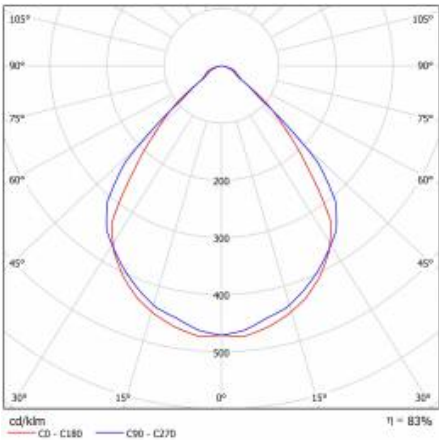
# TERRA 2 LED ZW 595X595MM X4 840 WHITE GLOSSY (MULTIWATT 40-49W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|  |                     |                            |   |
|--|---------------------|----------------------------|---|
| Index:                                       | 240157              | Colour of the body:        | white gloss   |
| Light source:                                | LED module          | Dimensions (H/W/T/S) [mm]: | 595/595/38  |
| Nominal power [W] - range:                   | 40/44/49            | Ingress protection:        | IP20  |
| Rated power of the luminaire [W]:            | 53                  | Mounting version:          | suspended   |
| Luminous flux of the luminaire [lm] - range: | 4800/5200/5400      | 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 L80B20 [h]:   | 84000   |
| Colour temperature [K]:                      | 4000                | LED lifespan L90B10 [h]:   | 42000   |
| Colour rendering index:                      | 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>  |

## LIGHT CURVES



# TERRA 2 LED ZW 595X595MM X4 840 WHITE GLOSSY (MULTIWATT 40-49W)

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DETAILED CARD

## TECHNICAL DETAILS

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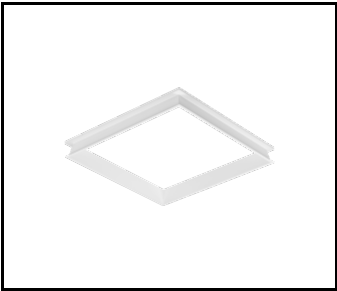
TERRA 2 LED

# TERRA 2 LED ZW 595X595MM X4 840 WHITE GLOSSY (MULTIWATT 40-49W)

DETAILED CARD

## ACCESSORIES AVAILABLE

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



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