# TERRA 2 LED P 595X595MM 3000LM 840 WHITE-BLACK MAT (36W)

**DETAILED CARD** 





## **TECHNICAL PARAMETERS**

Index: 227103

Ingress protection: IP20

Nominal power [W]: 36

Luminous flux [lm]\*: 3000

Colour rendering index: 80

**SDCM:** ≤ 3

**Material of the body:** powder coated steel

Optics: black HE

Mounting version: recessed

**Dimensions (H/W/T/S) [mm]:** 595/595/32

### **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 P 595X595MM 3000LM 840 WHITE-BLACK MAT (36W)

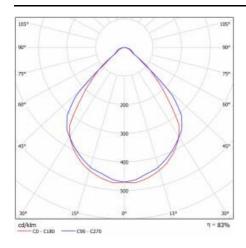
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

| Index:                            | 227103     |
|-----------------------------------|------------|
| Light source:                     | LED module |
| Nominal power [W]:                | 36         |
| Rated power of the luminaire [W]: | 38.90      |
| Supply voltage [V]:               | 220 - 240  |
| Frequency [Hz]:                   | 50 - 60    |
| Luminous flux [Im]:               | 3000       |
| Luminous efficacy [lm/W]:         | 77         |
| Energy efficiency class:          | F          |
| Electrical protection class:      | II         |
| Colour temperature [K]:           | 4000       |
| Colour rendering index:           | 80         |
| SDCM:                             | ≤3         |
| Power factor:                     | 0.95       |
| Optics:                           | black HE   |
|                                   |            |

| Material of the body:      | powder coated steel   |
|----------------------------|---|
| Colour of the body:        | white mat   |
| Dimensions (H/W/T/S) [mm]: | 595/595/32  |
| Ingress protection:        | IP20  |
| Mounting version:          | recessed  |
| Working temperature [°C]:  | from -20 to +35   |
| Category type:             | troffers  |
| LED lifespan L70B50 [h]:   | 132000  |
| LED lifespan L80B20 [h]:   | 84000   |
| LED lifespan L90B10 [h]:   | 42000   |
| Photobiological safety:    | Risk Group 1 (no photobiological<br>hazard under normal behavioral<br>limitation) |
| Version:                   | 2x1   |
| Warranty [years]:          | 5   |
| CE certificate:            | 248/2023  |
| Manual:                    | Download PDF  |

## **LIGHT CURVES**



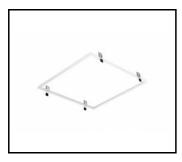


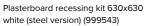
# TERRA 2 LED P 595X595MM 3000LM 840 WHITE-BLACK MAT (36W)

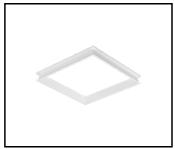
**DETAILED CARD** 

#### **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" |







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

