## TERRA 2 LED N-MAG 595X595MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	991059
Ingress protection:	IP20
Nominal power [W]:	48
Luminous flux [lm]*:	3700
Colour rendering index:	80
SDCM:	≤ 3

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

Optics: black HE

**Mounting version:** surface (magnet ver.)

**Dimensions (H/W/T/S) [mm]:** 595/595/36

## **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.



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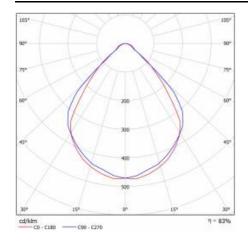
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:	991059
Light source:	LED module
Nominal power [W]:	48
Rated power of the luminaire [W]:	53.40
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	3700
Luminous efficacy [lm/W]:	69
Energy efficiency class:	G
Electrical protection class:	II
Colour temperature [K]:	3000
Colour rendering index:	80
SDCM:	≤3
Power factor:	0.97

Optics:	black HE
Material of the body:	powder coated steel
Colour of the body:	black mat
Dimensions (H/W/T/S) [mm]:	595/595/36
Ingress protection:	IP20
Mounting version:	surface (magnet ver.)
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
Version:	2x1
CE certificate:	249/2023
Manual:	Download PDF

## **LIGHT CURVES**



## **TECHNICAL DETAILS**



TERRA 2 LED

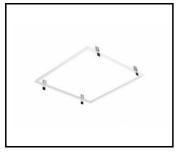


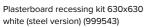
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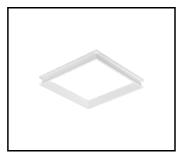
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#### **ACCESSORIES AVAILABLE**

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)

