### TERRA 2 LED N 595X595MM X4 840 WHITE MAT (MULTIWATT 24-36W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index: 239564

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 [Im]).

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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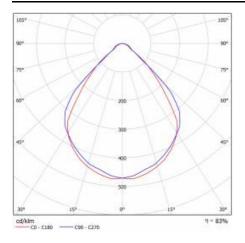
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:         239564           Light source:         LED module           Nominal power [W] - range:         24/36           Rated power of the luminaire [W]:         40           Luminous flux of the luminaire [Im] - range:         3000/4200           Supply voltage [V]:         220-240           Frequency [Hz]:         50 - 60           Energy efficiency class:         A+           Electrical protection class:         II           Colour temperature [K]:         4000           Colour rendering index:         >80           SDCM:         ≤ 3           Power factor:         0.95		
Nominal power [W] - range:       24/36         Rated power of the luminaire [W]:       40         Luminous flux of the luminaire [Im] - range:       3000/4200         Supply voltage [V]:       220-240         Frequency [Hz]:       50 - 60         Energy efficiency class:       A+         Electrical protection class:       II         Colour temperature [K]:       4000         Colour rendering index:       >80         SDCM:       ≤ 3	Index:	239564
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Frequency [Hz]: 50 - 60  Energy efficiency class: A+  Electrical protection class: II  Colour temperature [K]: 4000  Colour rendering index: >80  SDCM: ≤ 3	Luminous flux of the luminaire [lm] - range:	3000/4200
Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Colour rendering index:  >80  SDCM:  ≤ 3	Supply voltage [V]:	220-240
Electrical protection class:	Frequency [Hz]:	50 - 60
Colour temperature [K]:       4000         Colour rendering index:       >80         SDCM:       ≤ 3	Energy efficiency class:	A+
Colour rendering index: >80  SDCM: ≤3	Electrical protection class:	II
<b>SDCM</b> : ≤ 3	Colour temperature [K]:	4000
	Colour rendering index:	>80
Power factor: 0.95	SDCM:	≤3
1 ower ractor.	Power factor:	0.95
Optics:	Optics:	HE
Material of the body: powder coated steel	Material of the body:	powder coated steel

Colour of the body:	white mat
Dimensions (H/W/T/S) [mm]:	595/595/36
Ingress protection:	IP20
Mounting version:	surface
Working temperature [°C]:	from -20 to +35
Category type:	louvres
Version:	4x1
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L90B10 [h]:	42000
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	288/2023
Manual:	Download PDF

### **LIGHT CURVES**

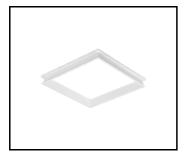


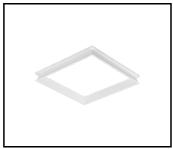
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### **ACCESSORIES AVAILABLE**

index	Name
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"





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

Frame steel white gloss RAL9016 600x600 SM "well effect" (998973)

Card creation date: 19 June 2024

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%

