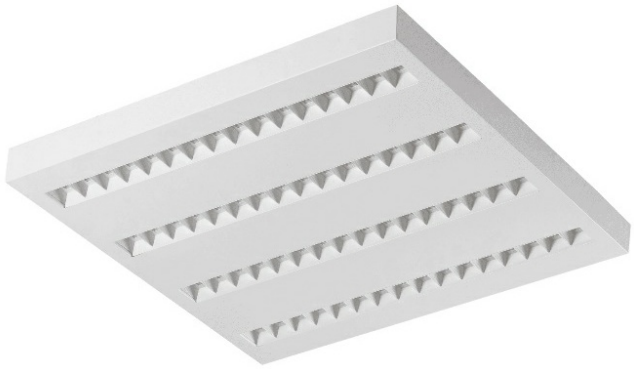
TERRA 2 LED N 595X595MM X4 8100LM 840 WHITE GLOSSY (72W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	239540
Ingress protection:	IP20
Nominal power [W]:	72
Luminous flux [lm]*:	8100
Colour rendering index:	80
SDCM:	≤ 3
Material of the body:	powder coated steel
Optics:	HE
Mounting version:	surface
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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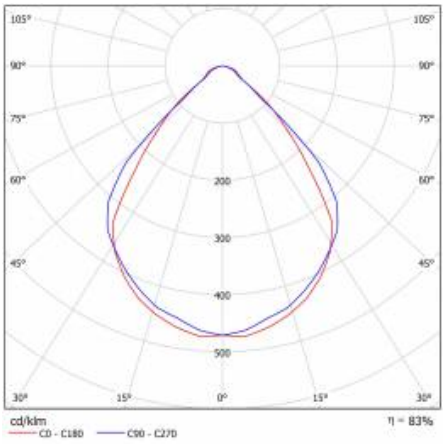
TECHNICAL PARAMETERS TABLE

Index:	239540
Light source:	LED module
Nominal power [W]:	72
Rated power of the luminaire [W]:	79.70
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	8100
Luminous efficacy [lm/W]:	102
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	4000
Colour rendering index:	80
SDCM:	≤ 3
Power factor:	0.96
Optics:	HE
Material of the body:	powder coated steel

Colour of the body:	white gloss
Dimensions (H/W/T/S) [mm]:	595/595/36
Ingress protection:	IP20
Mounting version:	surface
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 hazard under normal behavioral limitation)
Version:	4x1
Warranty [years]:	5
CE certificate:	249/2023
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES



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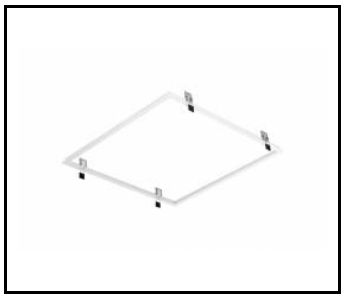
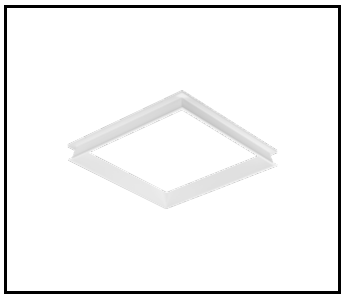
DETAILED CARD

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"



Plasterboard recessing kit 630x630 white (steel version) (999543)



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

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 249/2023

LENA LIGHTING

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