TERRA 2 LED ZW 595X595MM X2 3900LM 840 BLACK MAT STRUCTURE (48W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	239090
Ingress protection:	IP20
Nominal power [W]:	48
Luminous flux [lm]*:	3900
Color rendering index (Ra) >:	80
SDCM:	3
Material of the body:	powder coated steel
Optics:	black HE
Mounting version:	suspended
Dimensions (H/W/T/S) [mm]:	595/595/38

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:	239090
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]:	3900
Luminous efficacy [lm/W]:	73
Energy efficiency class:	F
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.97
Optics:	black HE
Material of the body:	powder coated steel

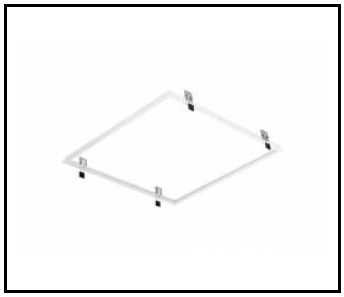
Colour of the body:	black mat
Dimensions (H/W/T/S) [mm]:	595/595/38
Ingress protection:	IP20
Mounting version:	suspended
Working temperature [°C]:	from 0 to +35
Category type:	troffers
LED lifespan L70B50 [h]:	132000
LED lifespan L80B10 [h]:	84000
LED lifespan L90B10 [h]:	42000
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Version:	2x1
Warranty [years]:	5
CE certificate:	249/2023
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

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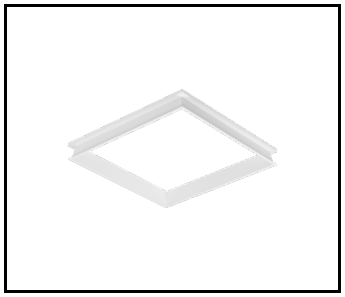
DETAILED CARD

ACCESSORIES AVAILABLE

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



Frame adapter KG 635x635 WHITE (374845)



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

Card creation date: 24 July 2026

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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