TERRA 2 LED ZW 595X595MM X4 830 WHITE MAT (MULTIWATT 40-49W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	240171
Ingress protection:	IP20
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Material of the body:	powder coated steel
Beam angle [°]:	90
Supply voltage [V]:	220-240
Working temperature [°C]:	from 0 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 [lm]).
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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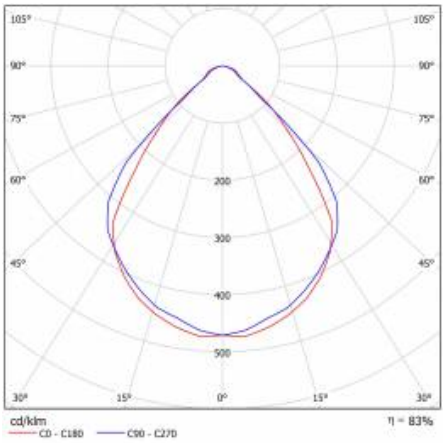
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	240171
Light source:	LED module
Nominal power [W] - range:	40/44/49
Luminous flux of the luminaire [lm] - range:	4500/4900/5050
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Energy efficiency class:	A+
Electrical protection class:	II
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.96
Optics:	HE
Material of the body:	powder coated steel
Colour of the body:	white 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
Version:	4x1
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)
Warranty [years]:	5
CE certificate:	386/2023
Environmental Product Declaration (EPD):	869/2025
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES



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TECHNICAL DETAILS



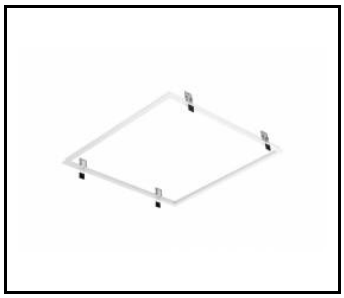
TERRA 2 LED

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ACCESSORIES AVAILABLE

index	Name
374845	Frame adapter KG 635x635 WHITE



Frame adapter KG 635x635
WHITE (374845)

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: 386/2023

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