

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	991059
<b>Ingress protection:</b>	IP20
<b>Nominal power [W]:</b>	48
<b>Luminous flux [lm]*:</b>	3700
<b>Color rendering index (Ra) &gt;:</b>	80
<b>SDCM:</b>	3
<b>Material of the body:</b>	powder coated steel
<b>Optics:</b>	black HE
<b>Mounting version:</b>	surface (magnet ver.)
<b>Dimensions (H/W/T/S) [mm]:</b>	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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Index:	991059	Material of the body:	powder coated steel
Light source:	LED module	Colour of the body:	black mat
Nominal power [W]:	48	Dimensions (H/W/T/S) [mm]:	595/595/36
Rated power of the luminaire [W]:	53.40	Ingress protection:	IP20
Supply voltage [V]:	220 - 240	Mounting version:	surface (magnet ver.)
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -20 to +35
Luminous flux [lm]:	3700	Category type:	troffers
Luminous efficacy [lm/W]:	69	LED lifespan L70B50 [h]:	132000
Energy efficiency class:	G	LED lifespan L80B10 [h]:	84000
Electrical protection class:	II	LED lifespan L90B10 [h]:	42000
Colour temperature [K]:	3000	Version:	2x1
Color rendering index (Ra) >:	80	CE certificate:	<a href="#">249/2023</a>
SDCM:	3	Manual:	<a href="#">Download PDF</a>
Power factor:	0.97	Plik LDT:	<a href="#">Download</a>
Optics:	black HE		

## LIGHT CURVES



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## TECHNICAL DETAILS

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TERRA 2 LED

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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 adapter KG 635x635  
WHITE (374845)



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



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

Card creation date: 03 January 2025

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 249/2023