

TERRA 2 LED N 595X300MM X2 3450LM 840 WHITE-BLACK GLOSSY (41W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	227080
Ingress protection:	IP20
Nominal power [W]:	41
Luminous flux [lm]*:	3450
Colour rendering index:	>80
SDCM:	≤ 3
Material of the body:	powder coated steel
Optics:	black HE
Mounting version:	surface
Dimensions (H/W/T/S) [mm]:	595/300/36

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

Nominal power [W]:	41	Electrical protection class:	II
Index:	227080	Colour rendering index:	>80
Colour temperature [K]:	4000	SDCM:	≤ 3
Light source:	LED module	Power factor:	0.97
Luminous flux [lm]:	3450	Material of the body:	powder coated steel
Optics:	black HE	Ingress protection:	IP20
Rated power of the luminaire [W]:	44.80	Working temperature [°C]:	from -20 to +35
Colour of the body:	white gloss	Category type:	louvres
Supply voltage [V]:	220 - 240	LED lifespan L70B50 [h]:	132000
Frequency [Hz]:	50 - 60	LED lifespan L80B20 [h]:	84000
Version:	2x1	LED lifespan L90B10 [h]:	42000
Dimensions (H/W/T/S) [mm]:	595/300/36	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Mounting version:	surface	Warranty [years]:	5
Luminous efficacy [lm/W]:	77	CE certificate:	249/2023
Energy efficiency class:	F	Manual:	Download PDF

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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)

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