

TERRA 2 LED P 595X595MM X2 4750LM 840 WHITE MAT (41W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	238918
Ingress protection:	IP20
Nominal power [W]:	41
Luminous flux [lm]*:	4750
Colour rendering index:	>80
SDCM:	≤ 3
Material of the body:	powder coated steel
Optics:	HE
Mounting version:	recessed
Dimensions (H/W/T/S) [mm]:	595/595/32

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, recessed in modular or plasterboard ceilings (using an adapter) and suspended. The surface-mounted version uses solutions that enhance the speed and safety of installation. A multitude of versions & dimensions allow to replace worn-out recessed fluorescent luminaires.

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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TECHNICAL PARAMETERS TABLE

Index:	238918	Material of the body:	powder coated steel
Light source:	LED module	Colour of the body:	white mat
Nominal power [W]:	41	Dimensions (H/W/T/S) [mm]:	595/595/32
Rated power of the luminaire [W]:	44.80	Ingress protection:	IP20
Supply voltage [V]:	220-240	Mounting version:	recessed
Frequency [Hz]:	50 - 60	Working temperature [°C]:	from -20 to +35
Luminous flux [lm]:	4750	Category type:	louvres
Luminous efficacy [lm/W]:	99	LED lifespan L70B50 [h]:	132000
Energy efficiency class:	E	LED lifespan L80B20 [h]:	84000
Electrical protection class:	II	LED lifespan L90B10 [h]:	42000
Colour temperature [K]:	4000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour rendering index:	>80	Version:	2x1
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.97	CE certificate:	248/2023
Optics:	HE	Manual:	Download PDF

LIGHT CURVES



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TECHNICAL DETAILS



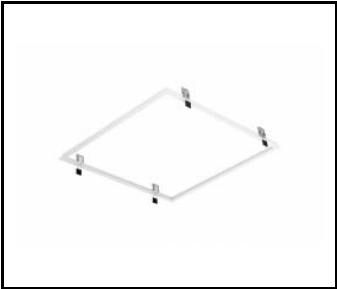
TERRA 2 LED

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ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white



Plasterboard recessing kit 630x630 white (999543)

Card creation date: 21 June 2021

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: 248/2023



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