TERRA 2 LED N 595X595MM X2 2400LM 830 WHITE GLOSSY (20W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	239113
Ingress protection:	IP20
Nominal power [W]:	20
Luminous flux [lm]*:	2400
Colour rendering index:	>80
SDCM:	≤ 3
Material of the body:	powder coated steel
Optics:	HE
Mounting version:	surface
Dimensions (H/W/T/S) [mm]:	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, 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 & dimentions 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.

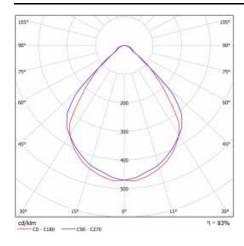# TERRA 2 LED N 595X595MM X2 2400LM 830 WHITE GLOSSY (20W)

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TECHNICAL PARAMETERS TABLE

Index:	239113	**Material of the body:**	powder coated steel
Light source:	LED module	**Colour of the body:**	white gloss
Nominal power [W]:	20	**Dimensions (H/W/T/S) [mm]:**	595/595/36
Rated power of the luminaire [W]:	22.70	**Ingress protection:**	IP20
Supply voltage [V]:	220-240	**Mounting version:**	surface
Frequency [Hz]:	50 - 60	**Working temperature [°C]:**	from -20 to +35
Luminous flux [lm]:	2400	**Category type:**	louvres
Luminous efficacy [lm/W]:	106	**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]:	3000	**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:	0.95	**CE certificate:**	249/2023
Optics:	HE	**Manual:**	Download PDF

LIGHT CURVES

cd/klm   η = 83%
— C0 - C180   — C90 - C270

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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white

Plasterboard recessing kit 630x630 white (999543)

Certificate CE - Nr: 249/2023