TERRA 2 LED N-MAG 595X595MM X2 1900LM 840 BLACK MAT STRUCTURE (20W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	990960
Ingress protection:	IP20
Nominal power [W]:	20
Luminous flux [lm]*:	1900
Colour rendering index:	80
SDCM:	≤ 3
Material of the body:	powder coated steel
Optics:	black HE
Mounting version:	surface (magnet ver.)
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 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.
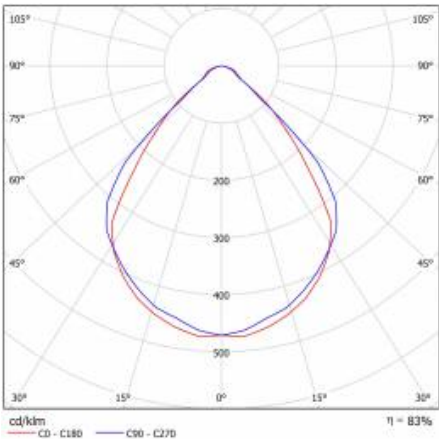
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TECHNICAL PARAMETERS TABLE

Index:	990960	**Optics:**	black HE
Light source:	LED module	**Material of the body:**	powder coated steel
Nominal power [W]:	20	**Colour of the body:**	white mat
Rated power of the luminaire [W]:	22.70	**Dimensions (H/W/T/S) [mm]:**	595/595/36
Supply voltage [V]:	220 - 240	**Ingress protection:**	IP20
Frequency [Hz]:	50 - 60	**Mounting version:**	surface (magnet ver.)
Luminous flux [lm]:	1900	**Working temperature [°C]:**	from -20 to +35
Luminous efficacy [lm/W]:	84	**Category type:**	louvres
Energy efficiency class:	F	**LED lifespan L70B50 [h]:**	132000
Electrical protection class:	II	**LED lifespan L80B20 [h]:**	84000
Colour temperature [K]:	4000	**LED lifespan L90B10 [h]:**	42000
Colour rendering index:	80	**Version:**	2x1
SDCM:	≤ 3	**CE certificate:**	249/2023
Power factor:	0.95	**Manual:**	Download PDF

LIGHT CURVES

TECHNICAL DETAILS

TERRA 2 LED

TERRA 2 LED N-MAG 595X595MM X2 1900LM 840 BLACK MAT STRUCTURE (20W)

DETAILED CARD

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)

Certificate CE - Nr: 249/2023

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