TERRA 2 LED N-MAG 595X300MM X2 2400LM 830 WHITE MAT (20W)

DETAILED CARD



TECHNICAL PARAMETERS

Index: 990502

Ingress protection: IP20

Nominal power [W]: 20

Luminous flux [lm]*: 2400

Color rendering index (Ra) >: 80

SDCM: 3

Material of the body: powder coated steel

Mounting version: surface (magnet ver.)

Dimensions (H/W/T/S) [mm]: 595/300/36

CHARACTERISTICS

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.

APPLICATION

General purpose surface mounted 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: 990502 | | 000500 |
|---|-----------------------------------|------------|
| Nominal power [W]: 20 Rated power of the luminaire [W]: 22.70 Supply voltage [V]: 220 - 240 Frequency [Hz]: 50 - 60 | Index: | 990502 |
| Rated power of the luminaire [W]: 22.70 Supply voltage [V]: 220 - 240 Frequency [Hz]: 50 - 60 | Light source: | LED module |
| Supply voltage [V]: 220 - 240 Frequency [Hz]: 50 - 60 | Nominal power [W]: | 20 |
| Frequency [Hz]: 50 - 60 | Rated power of the luminaire [W]: | 22.70 |
| , [] | Supply voltage [V]: | 220 - 240 |
| Luminous flux [lm]: 2400 | Frequency [Hz]: | 50 - 60 |
| | Luminous flux [Im]: | 2400 |
| Luminous efficacy [lm/W]: 106 | Luminous efficacy [lm/W]: | 106 |
| Energy efficiency class: | Energy efficiency class: | E |
| Electrical protection class: | Electrical protection class: | II |
| Colour temperature [K]: 3000 | Colour temperature [K]: | 3000 |
| Color rendering index (Ra) >: 80 | Color rendering index (Ra) >: | 80 |
| SDCM: 3 | SDCM: | 3 |
| Power factor: 0.95 | Power factor: | 0.95 |
| Optics: | Optics: | HE |

| Material of the body: | powder coated steel |
|----------------------------|---|
| Colour of the body: | white mat |
| Dimensions (H/W/T/S) [mm]: | 595/300/36 |
| Ingress protection: | IP20 |
| Mounting version: | surface (magnet ver.) |
| Working temperature [°C]: | from -20 to +35 |
| Category type: | troffers |
| Category of application: | educational institutions, commercial facilities |
| Version: | 2x1 |
| LED lifespan L70B50 [h]: | 132000 |
| LED lifespan L80B20 [h]: | 84000 |
| LED lifespan L90B10 [h]: | 42000 |
| CE certificate: | <u>354/2023</u> |
| Manual: | Download PDF |
| Plik LDT: | Download |

Card creation date: 28 October 2025



