

TERRA 2 LED P IOT PIR BT 595X595MM X2 3200LM 840 WHITE MAT (27W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|------|
| Rated power of the luminaire [W]*: | 27 |
| Luminous flux [lm]*: | 3200 |
| Energy efficiency class: | E |
| Electrical protection class: | II |
| Colour temperature [K]: | 4000 |
| Beam angle [°]: | 90 |

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: | 242960 | LED lifespan L90B10 [h]: | 42000 |
| Light source: | LED module | Beam angle [°]: | 90 |
| Rated power of the luminaire [W]: | 27 | Efficiency of the luminaire: | 0.71 |
| Luminous flux [lm]: | 3200 | Optics: | HE |
| Supply voltage [V]: | 220 - 240 | Material of the body: | powder coated steel |
| Frequency [Hz]: | 50 - 60 | Colour of the body: | white mat |
| Luminous efficacy [lm/W]: | 102 | Dimensions (H/W/T/S) [mm]: | 595/595/32 |
| Energy efficiency class: | E | Ingress protection: | IP20 |
| Electrical protection class: | II | Mounting version: | recessed |
| Colour temperature [K]: | 4000 | Working temperature [°C]: | from -20 to +35 |
| Colour rendering index: | >80 | Version: | 2x1 |
| SDCM: | ≤ 3 | Number on the palette [pcs]: | 40 |
| Power factor: | 0.96 | Net weight [kg]: | 1.850 |
| LED lifespan L70B50 [h]: | 132000 | Warranty [years]: | 5 |
| LED lifespan L80B20 [h]: | 84000 | Category type: | downlights |

LIGHT CURVES



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TECHNICAL DETAILS



TERRA 2 LED

Card creation date: 16 November 2022

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: 445/2023