# TERRA 2 LED P IOT PIR BT 595X595MM X2 4750LM 840 WHITE GLOSSY (41W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Rated power of the luminaire [W]*:** | 41 |
| **Luminous flux [lm]*:** | 4750 |
| **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.

**IoT characteristics**
Variants available:
**IoT BT CAS DALI** a built-in **BT CAS** module that allows you to program functions in the CASAMBI app and control in real time, and a **DALI** driver that allows you to dim the light source.
**IoT BT HYT PWM BT HYT** module (built into the driver) allowing you to program functions in the Lena Lighting Clue app and control in real time, and a **PWM** driver for dimming the light source.
**IoT BT PIR HYT DALI** a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **PIR** motion and daylight sensor and **DALI** driver for dimming the light source.
**IoT BT PIR HYT PWM BT HYT** module (built into the driver) allowing for programming functions in the Lena Lighting Clue application and real-time control; **PIR** motion and daylight sensor and **PWM** driver for dimming the light source.
**IoT DS HYT 1-10V** a built-in **DS** daylight sensor and a **1-10V** driver for dimming the light source.

## 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.
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.

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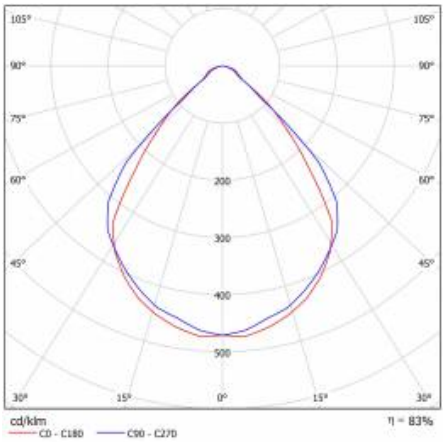
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 224386 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 41 |
| **Luminous flux [lm]:** | 4750 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous efficacy [lm/W]:** | 102 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.96 |
| **LED lifespan L70B50 [h]:** | 132000 |
| **LED lifespan L80B10 [h]:** | 84000 |
| **LED lifespan L90B10 [h]:** | 42000 |
| **Beam angle [°]:** | 90 |
| **Efficiency of the luminaire:** | 0.71 |

| | |
|---|---|
| **Optics:** | HE |
| **Material of the body:** | powder coated steel |
| **Colour of the body:** | white gloss |
| **Dimensions (H/W/T/S) [mm]:** | 595/595/32 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | recessed |
| **Working temperature [°C]:** | from 0 to +35 |
| **Number on the palette [pcs]:** | 40 |
| **Net weight [kg]:** | 1.850 |
| **Category type:** | troffers |
| **PIR:** | yes |
| **Product line:** | 2x1 |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 445/2023 |
| **Environmental Product Declaration (EPD):** | 869/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |

## LIGHT CURVES



# TERRA 2 LED P IOT PIR BT 595X595MM X2 4750LM 840 WHITE GLOSSY (41W)

DETAILED CARD

**TECHNICAL DETAILS**



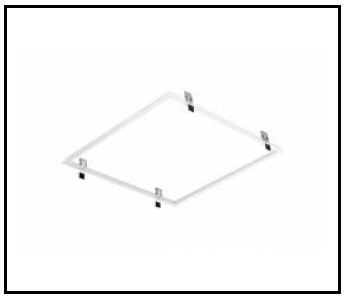
TERRA 2 LED

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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 374845 | Frame adapter KG 635x635 WHITE |



Frame adapter KG 635x635
WHITE (374845)



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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 445/2023

LENA LIGHTING

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