TERRA 2 LED P IOT PIR BT 595X595MM X2 5400LM 840 WHITE GLOSSY (48W)

DETAILED CARD





TECHNICAL PARAMETERS

| Rated | power | of the | luminaire | [W]*: | 48 |
|-------|-------|--------|-----------|-------|----|
| | | | | | |

Luminous flux [lm]*: 5400

F **Energy efficiency class:**

Electrical protection class:

Colour temperature [K]: 4000

Beam angle [°]: 90

CHARACTERISTICS

Recessed square LED luminaire with high total luminous Flux. Made of powdercoated 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

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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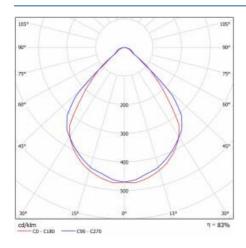
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| Index: | 224423 |
|-----------------------------------|------------|
| Light source: | LED module |
| Rated power of the luminaire [W]: | 48 |
| Luminous flux [lm]: | 5400 |
| 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 |
| Colour rendering index: | 80 |
| SDCM: | ≤3 |
| Power factor: | 0.96 |
| LED lifespan L70B50 [h]: | 132000 |
| LED lifespan L80B20 [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 -20 to +35 |
| Number on the palette [pcs]: | 40 |
| Net weight [kg]: | 1.850 |
| Warranty [years]: | 5 |
| Category type: | troffers |
| PIR: | yes |
| CE certificate: | 445/2023 |
| Product line: | 2x1 |

LIGHT CURVES



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DETAILED CARD

TECHNICAL DETAILS



TERRA 2 LED

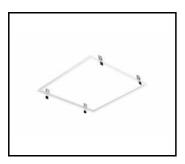


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DETAILED CARD

ACCESSORIES AVAILABLE

| index Name | | Name |
|------------|--------|--|
| | 999543 | Plasterboard recessing kit 630x630 white (steel version) |



Plasterboard recessing kit 630x630 white (steel version) (999543)

Card creation date: 18 July 2025



