# TERRA 2 LED ZW 1195X230MM X2 3300LM 830 WHITE MAT (31W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 238604 |
| **Ingress protection:** | IP20 |
| **Nominal power [W]:** | 31 |
| **Luminous flux [lm]*:** | 3300 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Material of the body:** | powder coated steel |
| **Mounting version:** | suspended |
| **Dimensions (H/W/T/S) [mm]:** | 1195/230/38 |
| **Warranty [years]:** | 5 |

## 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, recessed in modular and suspended. The surface-mounted version uses solutions that enhance the speed and safety of installation. A multitude of versions & dimentions allow to replace worn-out recessed fluorescent luminaires.

## 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:** | 238604 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 31 |
| **Rated power of the luminaire [W]:** | 34.20 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 3300 |
| **Luminous efficacy [lm/W]:** | 97 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.95 |
| **Optics:** | HE |
| **Material of the body:** | powder coated steel |
| **Colour of the body:** | white mat |

| | |
|---|---|
| **Dimensions (H/W/T/S) [mm]:** | 1195/230/38 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | suspended |
| **Working temperature [°C]:** | from 0 to +35 |
| **Category type:** | troffers |
| **Category of application:** | educational institutions, commercial facilities |
| **Version:** | 2x1 |
| **LED lifespan L70B50 [h]:** | 132000 |
| **LED lifespan L80B10 [h]:** | 84000 |
| **LED lifespan L90B10 [h]:** | 42000 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 354/2023 |
| **Environmental Product Declaration (EPD):** | 869/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

Card creation date: 24 July 2026

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: 354/2023

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