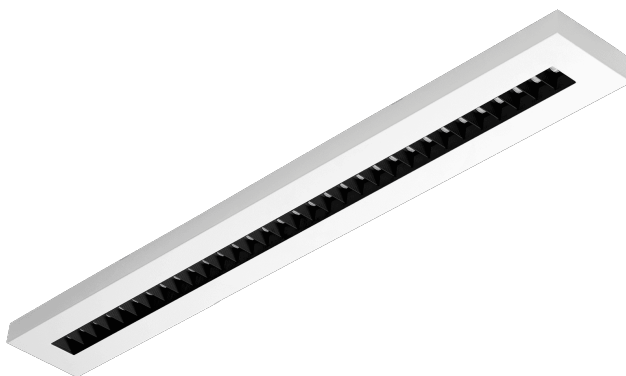


# TERRA 2 LED P 1195X300MM X2 3450LM 840 WHITE-BLACK MAT (41W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                            |                     |
|----------------------------|---------------------|
| Index:                     | 227066              |
| Ingress protection:        | IP20                |
| Nominal power [W]:         | 41                  |
| Luminous flux [lm]*:       | 3450                |
| Colour rendering index:    | >80                 |
| SDCM:                      | ≤ 3                 |
| Material of the body:      | powder coated steel |
| Mounting version:          | recessed            |
| Dimensions (H/W/T/S) [mm]: | 1195/300/32         |
| Warranty [years]:          | 5                   |

## 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, recessed in modular or plasterboard ceilings (using an adapter) and suspended. The surface-mounted version uses solutions that enhance the speed and safety of installation. A multitude of versions & dimensions allow to replace worn-out recessed fluorescent luminaires.

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 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

|                                   |             |                           |   |
|-----------------------------------|-------------|---------------------------|---|
| Nominal power [W]:                | 41          | Colour rendering index:   | >80   |
| Index:                            | 227066      | SDCM:                     | ≤ 3   |
| Colour temperature [K]:           | 4000        | Power factor:             | 0.97  |
| Light source:                     | LED module  | Material of the body:     | powder coated steel   |
| Luminous flux [lm]:               | 3450        | Ingress protection:       | IP20  |
| Optics:                           | black HE    | Working temperature [°C]: | from -20 to +35   |
| Rated power of the luminaire [W]: | 44.80       | Category type:            | louvres   |
| Version:                          | 2x1         | Category of application:  | commercial facilities, educational institutions                             |
| Supply voltage [V]:               | 220 - 240   | LED lifespan L70B50 [h]:  | 132000  |
| Colour of the body:               | white mat   | LED lifespan L80B20 [h]:  | 84000   |
| Frequency [Hz]:                   | 50 - 60     | LED lifespan L90B10 [h]:  | 42000   |
| Dimensions (H/W/T/S) [mm]:        | 1195/300/32 | Photobiological safety:   | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Mounting version:                 | recessed    | Warranty [years]:         | 5   |
| Luminous efficacy [lm/W]:         | 77          | CE certificate:           | 353/2023  |
| Energy efficiency class:          | F           | Manual:                   | Download PDF  |
| Electrical protection class:      | II          |                           |   |

Card creation date: 03 March 2025

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: 353/2023



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