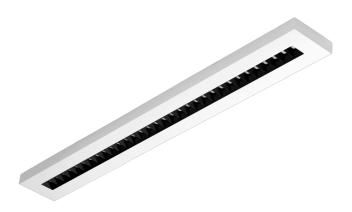
# TERRA 2 LED P 1195X300MM X2 3450LM 840 WHITE-BLACK MAT (41W)

**DETAILED CARD** 





#### **TECHNICAL PARAMETERS**

Index:	227066
Ingress protection:	IP20
Nominal power [W]:	41
Luminous flux [lm]*:	3450
Color rendering index (Ra) >:	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 & dimentions 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**

Index:	227066
Light source:	LED module
Light source.	LED IIIodule
Nominal power [W]:	41
Rated power of the luminaire [W]:	44.80
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	3450
Luminous efficacy [lm/W]:	77
Energy efficiency class:	F
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.97
Optics:	black HE
Material of the body:	powder coated steel

Colour of the body:	white mat
Dimensions (H/W/T/S) [mm]:	1195/300/32
Ingress protection:	IP20
Mounting version:	recessed
Working temperature [°C]:	from -20 to +35
Category type:	troffers
Category of application:	educational institutions, commercial facilities
Version:	2x1
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L90B10 [h]:	42000
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	353/2023
Manual:	Download PDF
Plik LDT:	Download

Card creation date: 28 October 2025



