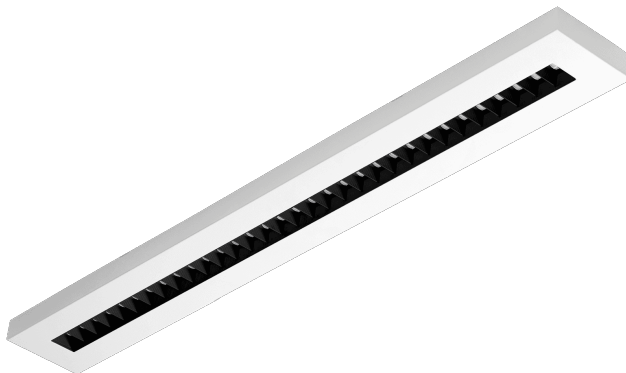


# TERRA 2 LED P 1195X300MM X2 3450LM 840 WHITE-BLACK MAT (41W)

DETAILED CARD



## TECHNICAL PARAMETERS

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

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

Card creation date: 18 December 2023

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