

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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Nominal power [W]:	41	SDCM:	≤ 3
Index:	227066	Power factor:	0.97
Colour temperature [K]:	4000	Material of the body:	powder coated steel
Light source:	LED module	Ingress protection:	IP20
Luminous flux [lm]:	3450	Mounting version:	recessed
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)
Luminous efficacy [lm/W]:	77	Warranty [years]:	5
Energy efficiency class:	F	CE certificate:	353/2023
Electrical protection class:	II	Manual:	Download PDF
Colour rendering index:	>80		

Card creation date: 08 January 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