

# TERRA 2 LED P 595X595MM X4 840 WHITE MAT (MULTIWATT 40-49W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	240102
<b>Ingress protection:</b>	IP20
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Material of the body:</b>	powder coated steel
<b>Beam angle [°]:</b>	90
<b>Supply voltage [V]:</b>	220-240
<b>Working temperature [°C]:</b>	from -20 to +35
<b>Warranty [years]:</b>	5

## CHARACTERISTICS

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.

The MULTI luminaire version allows individual configuration: thanks to the built-in micoswitch, it is possible to choose one of three settings (nominal power of the fitting [W] / luminous flux of the fitting [lm]).

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

Všeobecné vestavné svítidlo pro vnitřní použití v kancelářích nebo jiných technických místnostech. Hodí se jako hlavní zdroj světla, i když práce vyžaduje soustředění zraku.

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## TECHNICAL PARAMETERS TABLE

Index:	240102	Colour of the body:	white mat
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	595/595/32
Nominal power [W] - range:	40/44/49	Ingress protection:	IP20
Rated power of the luminaire [W]:	53	Mounting version:	recessed
Luminous flux of the luminaire [lm] - range:	4800/5200/5400	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220-240	Category type:	louvres
Frequency [Hz]:	50 - 60	Version:	4x1
Energy efficiency class:	A+	LED lifespan L70B50 [h]:	132000
Electrical protection class:	II	LED lifespan L80B20 [h]:	84000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	42000
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3	Warranty [years]:	5
Power factor:	0.96	CE certificate:	<a href="#">289/2023</a>
Optics:	HE	Manual:	<a href="#">Download PDF</a>
Material of the body:	powder coated steel		

## LIGHT CURVES



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## TECHNICAL DETAILS



TERRA 2 LED

Card creation date: 06 September 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: 289/2023