

# TERRA 2 LED ZW 1195X230MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	238710
<b>Ingress protection:</b>	IP20
<b>Nominal power [W]:</b>	48
<b>Luminous flux [lm]*:</b>	3700
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Material of the body:</b>	powder coated steel
<b>Mounting version:</b>	suspended
<b>Dimensions (H/W/T/S) [mm]:</b>	1195/230/38
<b>Warranty [years]:</b>	5

## CHARACTERISTICS

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 mounted, surface mounted on neodymium magnets (magnet ver. / N-MAG), flush-mounted in modular or KG ceilings (using an adapter) or suspended. In the surface-mounted version, solutions influencing the speed and safety of installation were used. In addition, the versions with neodymium magnets shorten the installation time of surface-mounted versions to an absolute minimum.

## APPLICATION

General purpose surface mounted 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]:	48	SDCM:	≤ 3
Index:	238710	Power factor:	0.97
Colour temperature [K]:	3000	Material of the body:	powder coated steel
Light source:	LED module	Ingress protection:	IP20
Luminous flux [lm]:	3700	Mounting version:	suspended
Optics:	black HE	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	53.40	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:	black mat	LED lifespan L80B20 [h]:	84000
Frequency [Hz]:	50 - 60	LED lifespan L90B10 [h]:	42000
Dimensions (H/W/T/S) [mm]:	1195/230/38	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Luminous efficacy [lm/W]:	69	Warranty [years]:	5
Energy efficiency class:	G	CE certificate:	<a href="#">354/2023</a>
Electrical protection class:	II	Manual:	<a href="#">Download PDF</a>
Colour rendering index:	>80	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



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: 354/2023



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