

# TERRA 2 LED N 595X300MM X2 3700LM 830 BLACK MAT STRUCTURE (48W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	237546
<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>	surface
<b>Dimensions (H/W/T/S) [mm]:</b>	595/300/36
<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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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	237546	<b>Colour of the body:</b>	black mat
<b>Light source:</b>	LED module	<b>Dimensions (H/W/T/S) [mm]:</b>	595/300/36
<b>Nominal power [W]:</b>	48	<b>Ingress protection:</b>	IP20
<b>Rated power of the luminaire [W]:</b>	53.40	<b>Mounting version:</b>	surface
<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>	3700	<b>Category of application:</b>	commercial facilities, educational institutions
<b>Luminous efficacy [lm/W]:</b>	69	<b>Version:</b>	2x1
<b>Energy efficiency class:</b>	G	<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>	3000	<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>	<a href="#">354/2023</a>
<b>Optics:</b>	black HE	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Material of the body:</b>	powder coated steel		

Card creation date: 31 August 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: 354/2023