TERRA 2 LED ZW 1195X230MM X2 5400LM 840 WHITE MAT (48W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	238239
Ingress protection:	IP20
Nominal power [W]:	48
Luminous flux [lm]*:	5400
Color rendering index (Ra) >:	80
SDCM:	3

Material of the body: powder coated steel

Mounting version: suspended

Dimensions (H/W/T/S) [mm]: 1195/230/38

Warranty [years]: 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, recessed in modular and suspended. The surface-mounted version uses solutions that enhance the speed and safety of installation. A multitude of versions & dimentions allow to replace worn-out recessed fluorescent luminaires.

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

Index:	238239
Light source:	LED module
Nominal power [W]:	48
Rated power of the luminaire [W]:	53.40
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [Im]:	5400
Luminous efficacy [lm/W]:	101
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.97
Optics:	HE
Material of the body:	powder coated steel

Colour of the body:	white mat
Dimensions (H/W/T/S) [mm]:	1195/230/38
Ingress protection:	IP20
Mounting version:	suspended
Working temperature [°C]:	from -20 to +35
Category type:	troffers
Category of application:	educational institutions, commercial facilities
Version:	2x1
LED lifespan L70B50 [h]:	132000
LED lifespan L80B20 [h]:	84000
LED lifespan L80B20 [h]: LED lifespan L90B10 [h]:	84000 42000
LED lifespan L90B10 [h]:	42000 Risk Group 1 (no photobiological hazard under normal behavioral
LED lifespan L90B10 [h]: Photobiological safety:	42000 Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L90B10 [h]: Photobiological safety: Warranty [years]:	42000 Risk Group 1 (no photobiological hazard under normal behavioral limitation) 5

Card creation date: 28 October 2025



