

# TERRA 2 LED P IOT PIR BT 595X595MM X2 5050LM 830 WHITE MAT (48W)

DETAILED CARD



## TECHNICAL PARAMETERS

Rated power of the luminaire [W]*:	48
Luminous flux [lm]*:	5050
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	3000
Beam angle [°]:	90

## 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 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.

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 the 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.

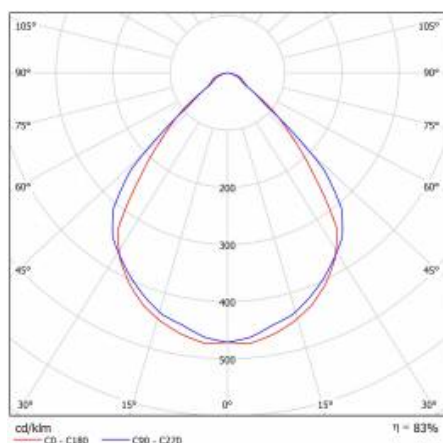
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## TECHNICAL PARAMETERS TABLE

Index:	224393	LED lifespan L90B10 [h]:	42000
Light source:	LED module	Beam angle [°]:	90
Rated power of the luminaire [W]:	48	Efficiency of the luminaire:	0.71
Luminous flux [lm]:	5050	Optics:	HE
Supply voltage [V]:	220 - 240	Material of the body:	powder coated steel
Frequency [Hz]:	50 - 60	Colour of the body:	white mat
Luminous efficacy [lm/W]:	102	Dimensions (H/W/T/S) [mm]:	595/595/32
Energy efficiency class:	E	Ingress protection:	IP20
Electrical protection class:	II	Mounting version:	recessed
Colour temperature [K]:	3000	Working temperature [°C]:	from -20 to +35
Colour rendering index:	>80	Version:	2x1
SDCM:	≤ 3	Number on the palette [pcs]:	40
Power factor:	0.96	Net weight of the luminaire [kg]:	1.850
LED lifespan L70B50 [h]:	132000	Warranty [years]:	5
LED lifespan L80B20 [h]:	84000	Category type:	downlights

## LIGHT CURVES



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## TECHNICAL DETAILS



TERRA 2 LED

Card creation date: 16 November 2022

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: