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:	Е
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.

IoT characteristics

Variants available:

IOT BT CAS DALI a built-in **BT CAS** module that allows you to program functions in the CASAMBI app and control in real time, and a **DALI** driver that allows you to dim the light source.

IOT BT HYT PWM BT HYT module (built into the driver) allowing you to program functions in the Lena Lighting Clue app and control in real time, and a **PWM** driver for dimming the light source.

IoT BT PIR HYT DALI a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **PIR** motion and daylight sensor and **DALI** driver for dimming the light source.

IOT BT PIR HYT PWM BT HYT module (built into the driver) allowing for programming functions in the Lena Lighting Clue application and real-time control; **PIR** motion and daylight sensor and **PWM** driver for dimming the light source.

 ${\bf loT}$ ${\bf DS}$ ${\bf HYT}$ 1-10V a built-in ${\bf DS}$ daylight sensor and a 1-10V driver for dimming the light source.

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.

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.



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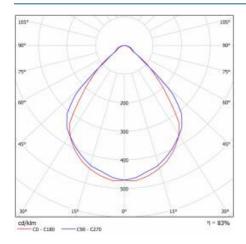
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index: 224393			
Light source:	LED module		
Rated power of the luminaire [W]:	48		
Luminous flux [Im]:	5050		
Supply voltage [V]:	220 - 240		
Frequency [Hz]:	50 - 60		
Luminous efficacy [lm/W]:	102		
Energy efficiency class:	E		
Electrical protection class:	II		
Colour temperature [K]:	3000		
Colour rendering index:	>80		
SDCM:	≤3		
Power factor:	0.96		
LED lifespan L70B50 [h]:	132000		
LED lifespan L80B20 [h]:	84000		
LED lifespan L90B10 [h]:	42000		

Beam angle [°]:	90	
Efficiency of the luminaire:	0.71	
Optics:	HE	
Material of the body:	powder coated steel	
Colour of the body:	white mat	
Dimensions (H/W/T/S) [mm]:	595/595/32	
Ingress protection:	IP20	
Mounting version:	recessed	
Working temperature [°C]:	from -20 to +35	
Number on the palette [pcs]:	40	
Net weight [kg]:	1.850	
Warranty [years]:	5	
Category type:	downlights	
PIR:	yes	
CE certificate:	445/2023	
Product line:	2x1	

LIGHT CURVES





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TECHNICAL DETAILS



TERRA 2 LED

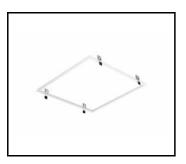


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ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)



Plasterboard recessing kit 630x630 white (steel version) (999543)

