TERRA 3 LED Z 595X595MM X4 6100LM 840 BLACK MATT STRUCTURE (45W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	440434
Rated power of the luminaire [W]*:	49
Luminous flux [lm]*:	6100
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Material of the body:	powder coated steel
Colour of the body:	black matt texture
Dimensions (H/W/T/S) [mm]:	595/595/38
Mounting version:	suspended
Energy efficiency class:	E

CHARACTERISTICS

A luminaire equipped with energy-efficient LED modules characterised by high luminous flux. The low side profile provides an aesthetically pleasing, timeless appearance. Robust, compact construction. Made of powder-coated steel sheet. Patented high-performance HE reflector guarantees high efficiency while effectively eliminating glare.

APPLICATION

The versatile luminaire is designed for indoor use in offices or general utility rooms. Its high luminous parameters make it suitable as the main source of light and conducive to work requiring visual focus. The luminaire is suitable for both new applications and the replacement of traditional fluorescent lamps with energy-efficient LED solutions.

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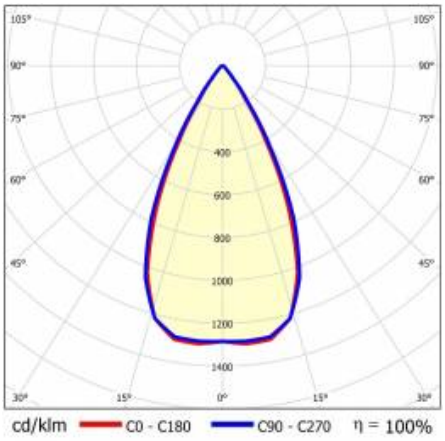
TECHNICAL PARAMETERS TABLE

Index:	440434
EAN:	5905963440434
Light source:	LED
Rated power of the luminaire [W]:	49
Luminous flux [lm]:	6100
Luminous efficacy [lm/W]:	124
Ingress protection:	IP20
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Beam angle [°]:	60
Diffuser material:	PC
Diffuser type:	matrix led
Diffuser colour:	transparent
Optics material:	PC
Optics:	lens
Material of the body:	powder coated steel
Colour of the body:	black matt texture

Dimensions (H/W/T/S) [mm]:	595/595/38
Mounting version:	suspended
Number on the palette [pcs]:	40
Net weight [kg]:	4.500
Category type:	troffers
Version:	4x1
Mounting dimensions [mm]:	160
Light distribution type:	symmetric
Working temperature [°C]:	from 0 to +35
LED lifespan L70B50 [h]:	150000
LED lifespan L80B10 [h]:	100000
LED lifespan L90B10 [h]:	50000
Warranty [years]:	5
CE certificate:	62/2025
Environmental Product Declaration (EPD):	869/2025
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES



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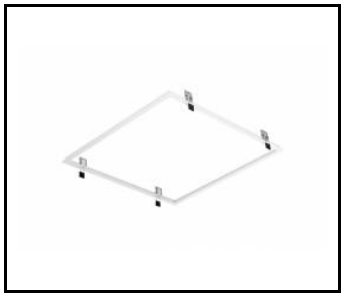
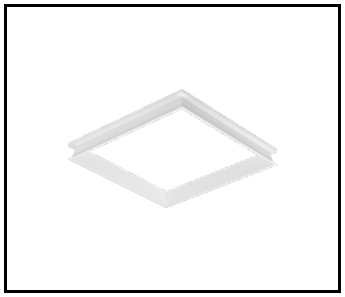
DETAILED CARD

ACCESSORIES AVAILABLE

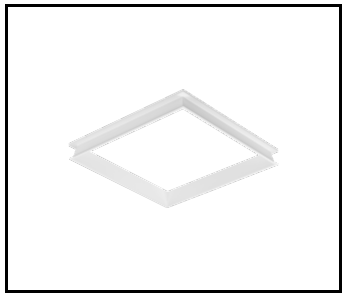
index	Name
374845	Frame adapter KG 635x635 WHITE
374852	Frame adapter KG 1235x335 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"



Frame adapter KG 635x635 WHITE (374845)



Frame steel white structure RAL9016 600x600 SM "well effect" (998966)



Frame steel white gloss RAL9016 600x600 SM "well effect" (998973)

Card creation date: 27 October 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 62/2025

LENA LIGHTING

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