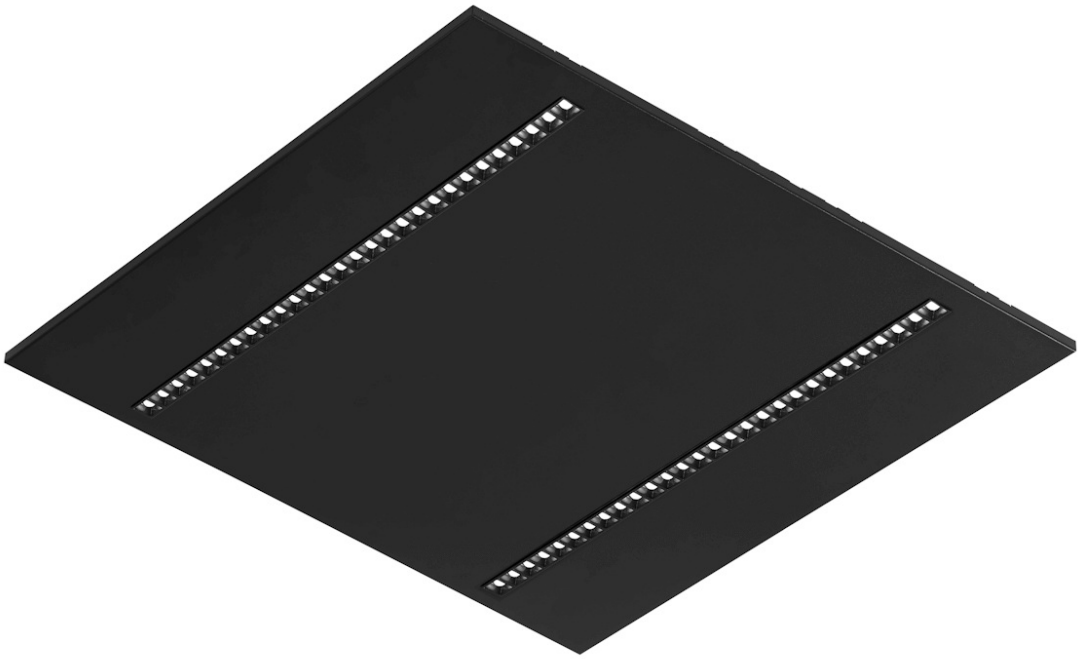
TERRA 3 LED P 595X595MM X2 5150LM 830 BLACK MATT STRUCTURE (45W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	418921
Rated power of the luminaire [W]*:	45
Luminous flux [lm]*:	5150
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
Material of the body:	powder coated steel
Colour of the body:	black mat
Dimensions (H/W/T/S) [mm]:	595/595/32
Mounting version:	recessed
Energy efficiency class:	F

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.

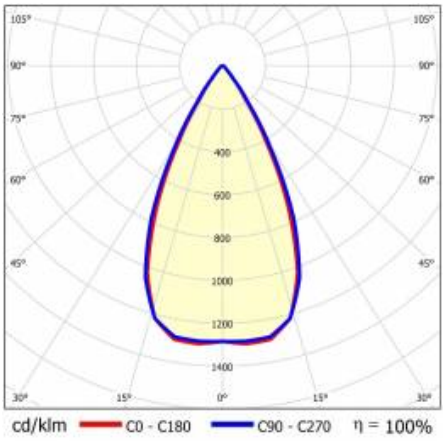
TERRA 3 LED P 595X595MM X2 5150LM 830 BLACK MATT STRUCTURE (45W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	418921	**Colour of the body:**	black mat
EAN:	5905963418921	**Dimensions (H/W/T/S) [mm]:**	595/595/32
Light source:	LED	**Mounting version:**	recessed
Rated power of the luminaire [W]:	45	**Number on the palette [pcs]:**	40
Luminous flux [lm]:	5150	**Net weight [kg]:**	1.800
Luminous efficacy [lm/W]:	114	**Category type:**	troffers
Ingress protection:	IP20	**Version:**	2x1
Energy efficiency class:	F	**Light distribution type:**	symmetric
Electrical protection class:	II	**Working temperature [°C]:**	from 0 to +35
Colour temperature [K]:	3000	**LED lifespan L70B50 [h]:**	150000
Color rendering index (Ra) >:	80	**LED lifespan L80B10 [h]:**	100000
Beam angle [°]:	60	**LED lifespan L90B10 [h]:**	50000
Diffuser material:	PC	**Warranty [years]:**	5
Diffuser type:	matrix led	**CE certificate:**	60/2025
Diffuser colour:	transparent	**Environmental Product Declaration (EPD):**	869/2025
Optics material:	PC	**Manual:**	Download PDF
Optics:	lens	**ISO Certificates:**	9001:2015, 14001:2015, 45001:2018, 50001:2018
Material of the body:	powder coated steel	**Plik LDT:**	Download

LIGHT CURVES

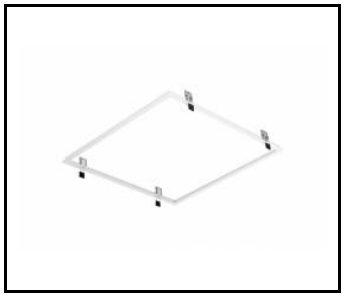


TERRA 3 LED P 595X595MM X2 5150LM 830 BLACK MATT STRUCTURE (45W)

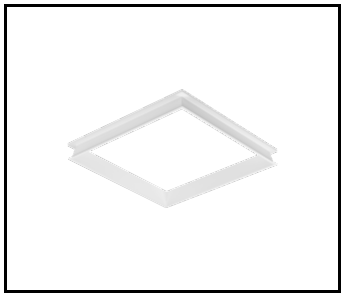
DETAILED CARD

ACCESSORIES AVAILABLE

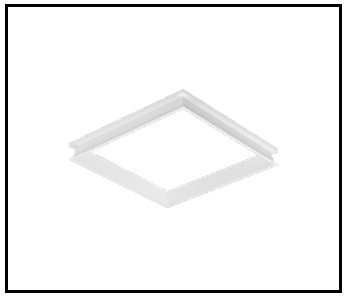
index	Name
374845	Frame adapter KG 635x635 WHITE
374852	Frame adapter KG 1235x335 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"



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)

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: 60/2025

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl