TERRA BALANCE Z 1440X300MM 5200LM 840 MTCH 70D (50W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	806889
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	5200
Colour temperature [K] - range:	4000
Material of the body:	PET + steel
Colour of the body:	matcha
Dimensions (H/W/T/S) [mm]:	1440/300/48
Mounting version:	suspended

CHARACTERISTICS

Terra Balance is a modern solution combining advanced acoustic features with professional lighting, made from an environmentally friendly material - recycled PET. The product is an innovative response to contemporary interior design needs, where both functionality and aesthetics matter. The luminaires are made from high quality recycled PET felt. The material is characterised by its lightweight and durable structure, which was obtained from recycled plastic bottles. This makes the product fully ecological and environmentally friendly. Terra Balance effectively absorbs sound waves, reducing echoes and improving speech intelligibility. The product works well in spaces with hard surfaces such as glass, concrete or wood interiors. The luminaires are equipped with a compact LED louver that provides a low glare factor (UGR 12-19). The lamps are available in colour temperatures: 3000K, 4000K and Tunable White in the range 2700-6500K. There is a choice of 6 basic colours, with the option of ordering 6 further colour variations. Luminaires made of PET are characterised by exceptional resistance to moisture and mechanical damage. The material is easy to clean and fully recyclable. The product is distinguished by its modern design and wide range of shapes and colours. It is compatible with DALI control systems and offers a variety of mounting options, including: pendant panels, acoustic ceilings, floor standing lamps and wall fittings. Terra Balance brings many benefits to users: it improves acoustic comfort, optimises lighting, provides an ecological solution and is highly functional. The product meets the highest standards in design, acoustics and sustainability.

APPLICATION

Terra Balance is ideal for a variety of spaces including: open plan offices, meeting rooms, restaurants, cafes, schools, colleges and residential spaces.

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TECHNICAL PARAMETERS TABLE

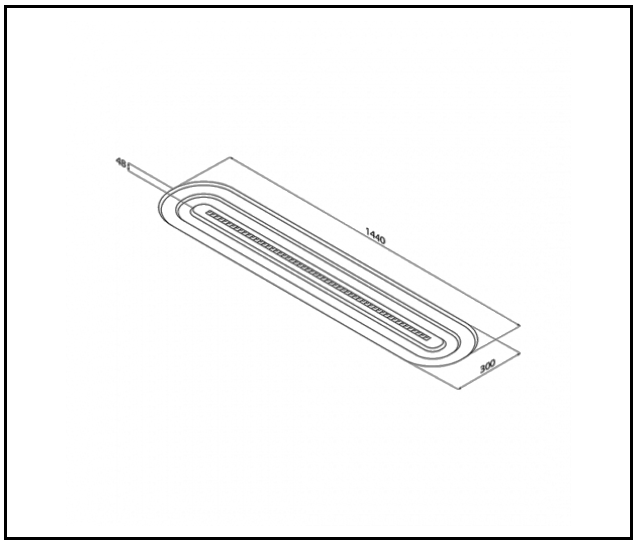
Index:	806889
EAN:	5905963806889
Category type:	decorative fixtures
Category of application:	architectural, HoReCa, commercial facilities
Light source:	LED module
Rated power of the luminaire [W]:	50
Luminous flux [lm]:	5200
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	104
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K] - range:	4000
Color rendering index (Ra) >:	80
SDCM:	3
UGR (4H8H):	<19
LED lifespan L70B50 [h]:	153000
LED lifespan L80B10 [h]:	96000
LED lifespan L90B10 [h]:	46000
Beam angle [°]:	70
Light distribution type:	symmetric

Surge protection [kV]:	1
Diffuser material:	PC
Diffuser type:	matrix led
Optics:	lens
Optics material:	PC
Material of the body:	PET + steel
Colour of the body:	matcha
Dimensions (H/W/T/S) [mm]:	1440/300/48
Ingress protection:	IP20
Mounting version:	suspended
Working temperature [°C]:	from 0 to +35
Dimensions of single box [mm]:	1450
Number on the palette [pcs]:	40
Net weight [kg]:	5.650
Warranty [years]:	5
CE certificate:	22/2025
Environmental Product Declaration (EPD):	869/2025
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

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DETAILED CARD

TECHNICAL PICTURES

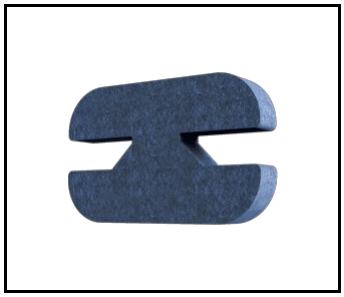


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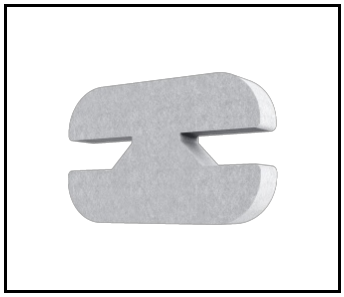
DETAILED CARD

ACCESSORIES AVAILABLE

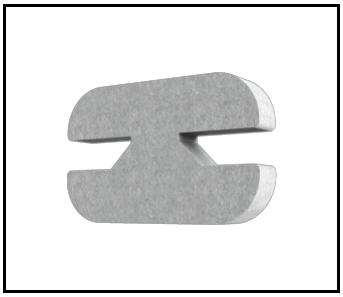
index	Name
806919	Terra Balance connector set 2 pcs BLUE02
806926	Terra Balance Connector Set 2pcs GRAYL
806933	Terra Balance connector set 2pcs GRAYD
806940	Terra Balance connector set 2pcs GRAYM
806957	Terra Balance connector set 2 pcs BRN01
806964	Terra Balance coupling set 2 pcs MTCH
807015	Terra Balance - PET panel colour chart



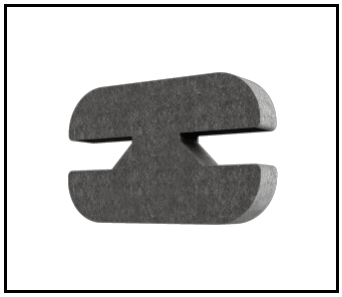
Terra Balance connector set 2 pcs BLUE02 (806919)



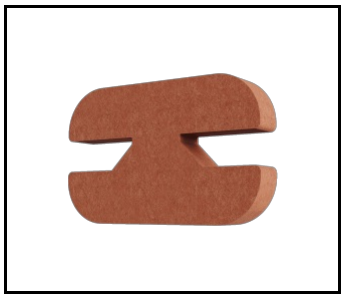
Terra Balance Connector Set 2pcs GRAYL (806926)



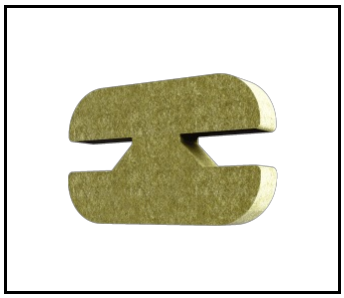
Terra Balance connector set 2pcs GRAYD (806933)



Terra Balance connector set 2pcs GRAYM (806940)



Terra Balance connector set 2 pcs BRN01 (806957)



Terra Balance coupling set 2 pcs MTCH (806964)



Terra Balance - PET panel colour chart (807015)

Card creation date: 18 March 2026

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: 22/2025

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