TERRA BALANCE Z 1200X600MM 5200LM 840 GRAYL 70D (50W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	805899
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	5200
Colour temperature [K] - range:	4000
Material of the body:	ABS + steel
Colour of the body:	light gray
Dimensions (H/W/T/S) [mm]:	1200/600/47
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:	805899	**Light distribution type:**	symmetric
EAN:	5905963805899	**Surge protection [kV]:**	1
Category type:	decorative fixtures	**Diffuser material:**	PC
Category of application:	architectural, HoReCa, commercial facilities	**Diffuser type:**	matrix led
Light source:	LED module	**Optics:**	lens
Rated power of the luminaire [W]:	50	**Optics material:**	PC
Luminous flux [lm]:	5200	**Material of the body:**	ABS + steel
Supply voltage [V]:	220-240	**Colour of the body:**	light gray
Frequency [Hz]:	50-60	**Dimensions (H/W/T/S) [mm]:**	1200/600/47
Luminous efficacy [lm/W]:	104	**Ingress protection:**	IP20
Energy efficiency class:	E	**Mounting version:**	suspended
Electrical protection class:	II	**Working temperature [°C]:**	35
Colour temperature [K] - range:	4000	**Dimensions of single box [mm]:**	1203
Colour rendering index:	80	**Number on the palette [pcs]:**	13
SDCM:	≤ 3	**Net weight [kg]:**	7.500
UGR (4H8H):	<19	**Warranty [years]:**	5
LED lifespan L70B50 [h]:	153000	**CE certificate:**	22/2025
LED lifespan L80B20 [h]:	96000	**Manual:**	Download PDF
LED lifespan L90B10 [h]:	46000	**Plik LDT:**	Download
Beam angle [°]:	70		

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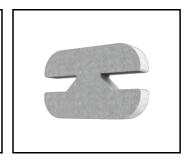## ACCESSORIES AVAILABLE

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

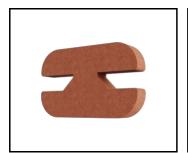Terra Balance connector set 2 pcs BLUE02 (806919)

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)

Certificate CE - Nr: 22/2025

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