

TERRA BALANCE Z 1200X600MM 4800LM 2700-6500K TUNABLE WHITE GRAYL 70D (48W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	806988
Rated power of the luminaire [W]*:	48
Luminous flux [lm]*:	4800
Colour temperature [K] - range:	2700-6500
Material of the body:	PET + 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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Index:	806988	Surge protection [kV]:	1
EAN:	5905963806988	Diffuser material:	PC
Category type:	decorative fixtures	Diffuser type:	matrix led
Category of application:	architectural, HoReCa, commercial facilities	Optics:	lens
Light source:	LED module	Optics material:	PC
Rated power of the luminaire [W]:	48	Material of the body:	PET + steel
Luminous flux [lm]:	4800	Colour of the body:	light gray
Supply voltage [V]:	220-240	Dimensions (H/W/T/S) [mm]:	1200/600/47
Frequency [Hz]:	50-60	Ingress protection:	IP20
Luminous efficacy [lm/W]:	100	Mounting version:	suspended
Energy efficiency class:	E	Working temperature [°C]:	35
Electrical protection class:	II	DIMM DALI:	yes
Colour temperature [K] - range:	2700-6500	Control:	Tunable White
Color rendering index (Ra) >:	90	Dimensions of single box [mm]:	1203
SDCM:	3	Number on the palette [pcs]:	13
UGR (4H8H):	<19	Net weight [kg]:	7.610
LED lifespan L70B50 [h]:	142000	Warranty [years]:	5
LED lifespan L80B10 [h]:	89000	CE certificate:	22/2025
LED lifespan L90B10 [h]:	42000	Manual:	Download PDF
Beam angle [°]:	70	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Light distribution type:	symmetric	Pliik LDT:	Download

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DETAILED CARD
TECHNICAL PICTURES



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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)

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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 22/2025