# 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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## TECHNICAL PARAMETERS TABLE

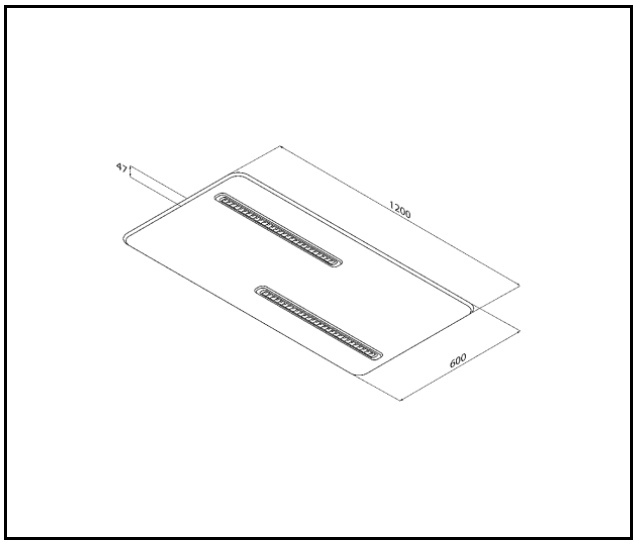
| | |
|---|---|
| **Index:** | 806988 |
| **EAN:** | 5905963806988 |
| **Category type:** | decorative fixtures |
| **Category of application:** | architectural, HoReCa, commercial facilities |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 48 |
| **Luminous flux [lm]:** | 4800 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous efficacy [lm/W]:** | 100 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | II |
| **Colour temperature [K] - range:** | 2700-6500 |
| **Color rendering index (Ra) >:** | 90 |
| **SDCM:** | 3 |
| **UGR (4H8H):** | <19 |
| **LED lifespan L70B50 [h]:** | 142000 |
| **LED lifespan L80B10 [h]:** | 89000 |
| **LED lifespan L90B10 [h]:** | 42000 |
| **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:** | light gray |
| **Dimensions (H/W/T/S) [mm]:** | 1200/600/47 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | suspended |
| **Working temperature [°C]:** | from 0 to +35 |
| **DIMM DALI:** | yes |
| **Control:** | Tunable White |
| **Dimensions of single box [mm]:** | 1203 |
| **Number on the palette [pcs]:** | 13 |
| **Net weight [kg]:** | 7.610 |
| **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 |

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

DETAILED CARD

**TECHNICAL PICTURES**

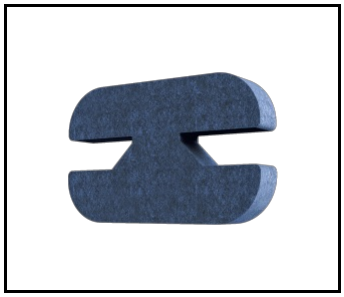


# TERRA BALANCE Z 1200X600MM 4800LM 2700-6500K TUNABLE WHITE GRAYL 70D (48W)

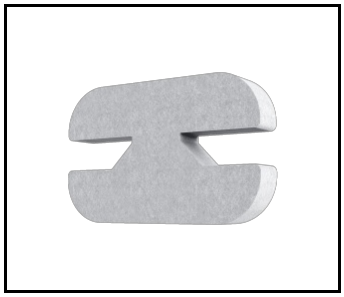
DETAILED CARD

## ACCESSORIES AVAILABLE

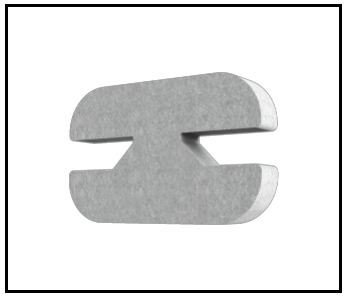
| index | Name |
|---|---|
| 806919 | Terra Balance connector set 2 pcs BLUE02 |
| 806926 | Terra Balance Connector Set 2pcs GRAYL |
| 806933 | Terra Balance connector set 2pcs GRAYD |
| 806940 | Terra Balance connector set 2pcs GRAYM |
| 806957 | Terra Balance connector set 2 pcs BRN01 |
| 806964 |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



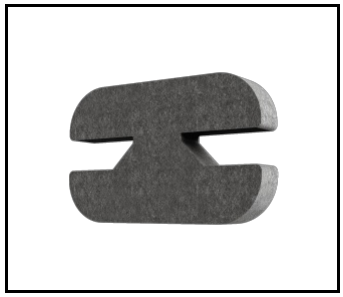
Terra Balance connector set 2 pcs BLUE02 (806919)



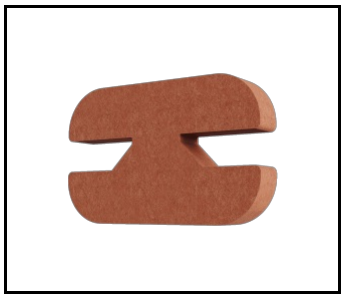
Terra Balance Connector Set 2pcs GRAYL (806926)



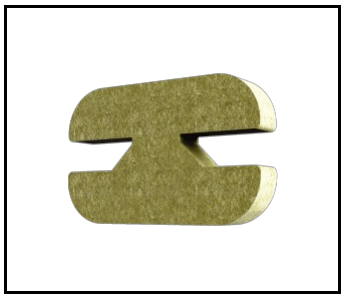
Terra Balance connector set 2pcs GRAYD (806933)



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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