

# TERRA BALANCE Z 600X600MM 1650LM 830 GRAYL 70D (16W)

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	805189
Rated power of the luminaire [W]*:	16
Luminous flux [lm]*:	1650
Colour temperature [K] - range:	3000
Material of the body:	plastic, steel
Colour of the body:	light gray
Dimensions (H/W/T/S) [mm]:	600/600/44
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:	805189	Surge protection [kV]:	1
EAN:	5905963805189	Material of the body:	plastic, steel
Category type:	architectural	Diffuser material:	PC
Category of application:	architectural, HoReCa, commercial facilities, art and culture	Colour of the body:	light gray
Rated power of the luminaire [W]:	16	Diffuser type:	matrix led
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	600/600/44
Luminous flux [lm]:	1650	Optics:	lens
Colour temperature [K] - range:	3000	Optics material:	PC
Supply voltage [V]:	220-240	Mounting version:	suspended
Frequency [Hz]:	50-60	Ingress protection:	IP20
Luminous efficacy [lm/W]:	103	Working temperature [°C]:	35
Energy efficiency class:	E	Dimensions of single box [mm]:	600
Electrical protection class:	II	Number on the palette [pcs]:	32
Colour rendering index:	>80	Net weight [kg]:	5.150
SDCM:	≤ 3	Warranty [years]:	5
UGR (4H8H):	<16	CE certificate:	<a href="#">22/2025</a>
LED lifespan L70B50 [h]:	153000	Manual:	<a href="#">Download PDF</a>
LED lifespan L80B20 [h]:	96000	Plik LDT:	<a href="#">Download</a>
LED lifespan L90B10 [h]:	46000		
Beam angle [°]:	70		
Light distribution type:	symmetric		

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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)