



VERT LABLIGHT

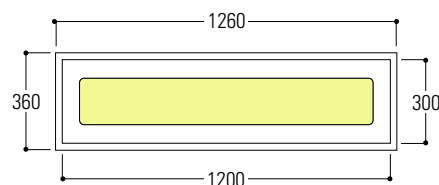
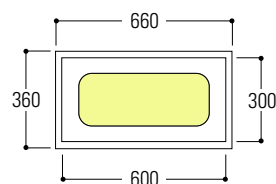
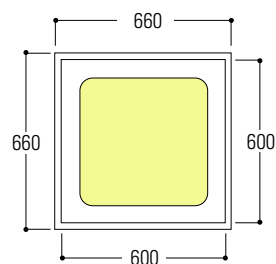
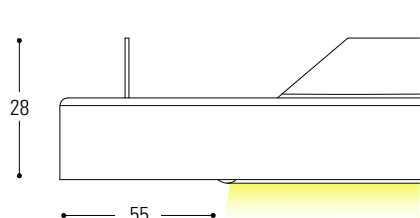
LED TECHNOLOGY

SUITABLE FOR:

PLASTERBOARD FALSE CEILINGS •

FALSE CEILINGS WITH STRIPS •

90° smooth edge



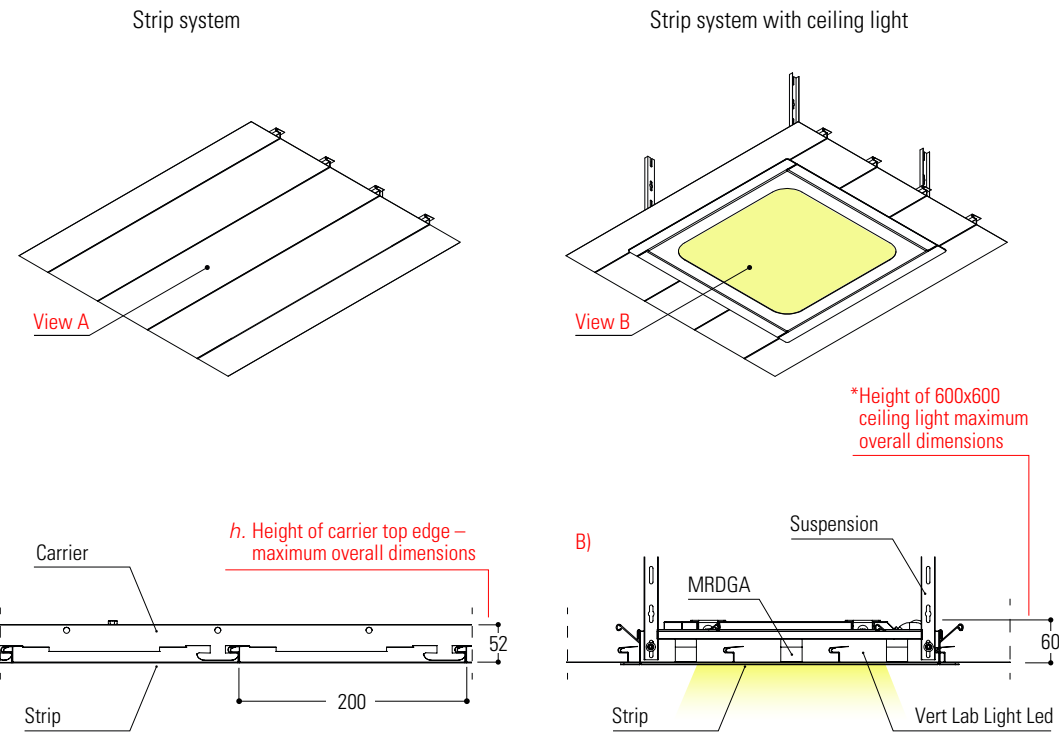
DESCRIPTION

Recessed lighting fixture featuring high-output LED technology. Its elegant, modern style is ensured by its integration into slatted or plasterboard false ceilings; unique in its kind, it allows installation in ceilings where there is limited soffit space. The luminaire consists of an aluminium structure and a cover panel that has the same finish (aluminium or steel) and the same material (pre-painted or post-painted) as the false ceiling, and replaces all applications that previously required the use of fluorescent and halogen tubes.

TECHNICAL SPECIFICATIONS

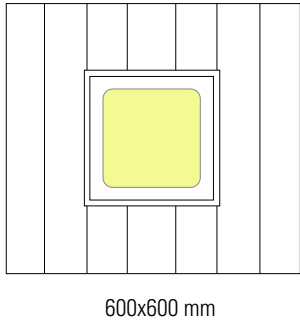
Panel material:	Aluminium (Alloy 3000H46) Pre-painted steel Stainless steel
Ceiling light material:	Aluminium (Alloy 3000H46)
Frame material:	Galvanised steel (DX51DZ)
Colour:	Post-painted RAL 9003 or RAL 9010
Panel thickness:	0,4 - 0,5 - 0,6 mm
Body thickness:	0,8 mm
Frame thickness:	1,5 mm
Internal driver:	Yes
Optional extras:	DALI module Night light Presence sensor with auto-adjustment Emergency module RGBW module
Standard modules:	600x600 mm with 90° edge 300x600 mm with 90° edge 300x1200 mm with 90° edge
Lifespan:	50,000 hours
LED warranty:	3 years
Product weight:	4 kg

ADVANTAGES AND APPLICATIONS



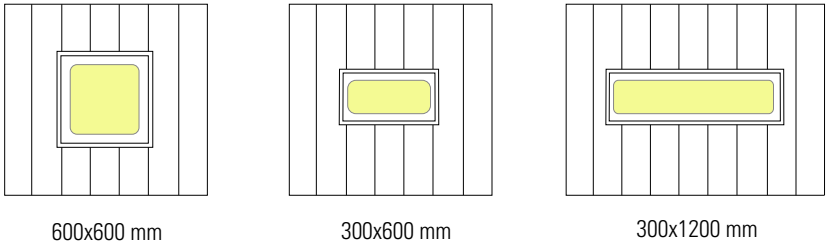
DESCRIPTION

Thanks to its modern design, the **Vert Lab Light** ceiling light integrates perfectly with any type of strip or plasterboard system. The entire system features a concealed framework and, together with the ceiling light, can be accessed at specific points using a suction cup supplied with the product.



MODULES AND DIMENSIONS

Various solutions are available; with a range of modules to choose from, you can create the right solution to meet every requirement.



PERFORMANCE AND ENERGY CONSUMPTION

The **Vert Lab Light** is designed to provide homogeneous, flicker-free lighting, making it suitable for installation in any location where excellent visual performance is required. This LED panel offers excellent lighting performance for up to approximately 50,000 hours, based on an estimated daily usage of 8 hours. Thanks to its integrated LED technology, this panel replaces older installations fitted with halogen tubes, offering significantly lower energy consumption. The LED system therefore drastically reduces energy consumption whilst maintaining the same light intensity.

Type	Dimensions	Power (W)	Luminous flux Lamp** (IM)	Luminous flux Lamp** (IM)
			OPALE	UGR
Vert Lab Light 84	300x600	32	4000	3500
Vert Lab Light 100	600x600	32	3500	3531
Vert Lab Light 144*		45	5300	5549
Vert Lab Light 200***		64	7000	7035
Vert Lab Light 265* ***		70	8800	8690
Vert Lab Light 192	300x1200	70	6300	7549
Vert Lab Light 576	600x1200	-	-	-

EMERGENCY MODULE

An emergency module can be integrated into the ceiling light, ensuring up to 3 hours of lighting even in the event of a power cut. This module complies with the standards listed in the table.

Autonomy	Capacity	Standards	
		CEI 61000-6- 3	CEI 2004/108
3h	4,2 Ah	CEI EN 6154 7	CEI 2006/95
IEC 60598-2-22		CEI EN 61000-4- 8	EN 6052 9

LIGHTING UNIT

- Colour rendering index (CRI) >90 (CRI 80 available on request)
- Photobiological risk 0 (exempt), UV-protected in accordance with EN 62471
- Colour temperature: 3000K, 4000K and 6000K (3-step MacAdam-sorted LED)
- Lifespan (L93/B10): 30,000 hours (at +25°C)
- Lifespan (L90/B10): 50,000 hours (at +25°C)

Standard colour temperature available



Optics available:

UGR<19 version (UGR)

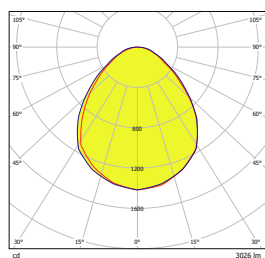
Microprismatic polycarbonate optic for environments with video terminals

Standard version (OP)

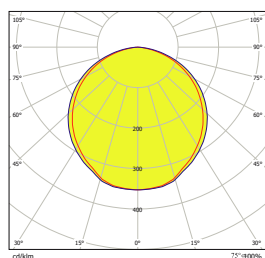
N.B. the OP version is supplied on specific request

High light transmittance LED plexiglass optic for uniform brightness

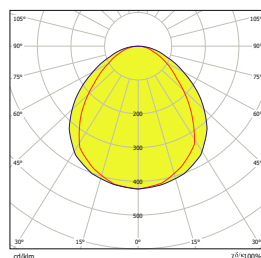
PHOTOMETRIC CURVES



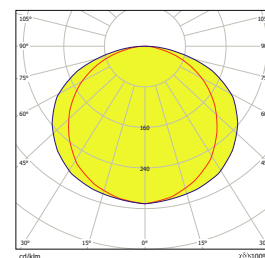
Vert Lab Light 84 32W UGR



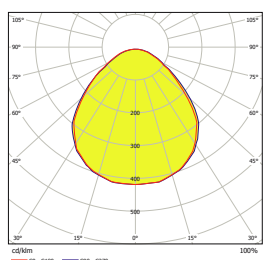
Vert Lab Light 84 32W OP



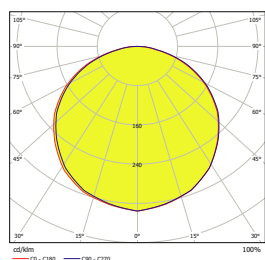
Vert Lab Light 192 70W UGR



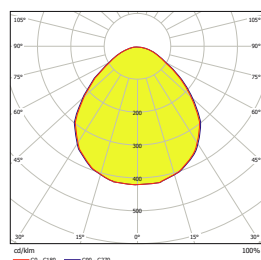
Vert Lab Light 192 70W OP



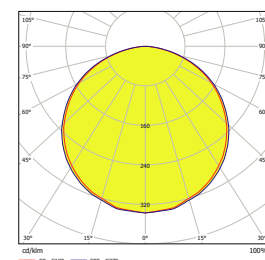
Vert Lab Light 100 32W UGR



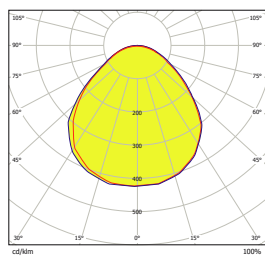
Vert Lab Light 100 32W OP



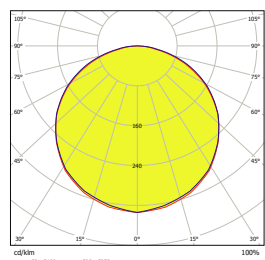
Vert Lab Light 144 45W UGR



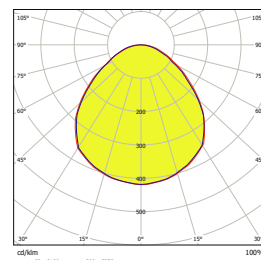
Vert Lab Light 144 45W OP



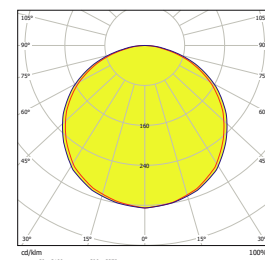
Vert Lab Light 200 64W UGR



Vert Lab Light 200 64W OP



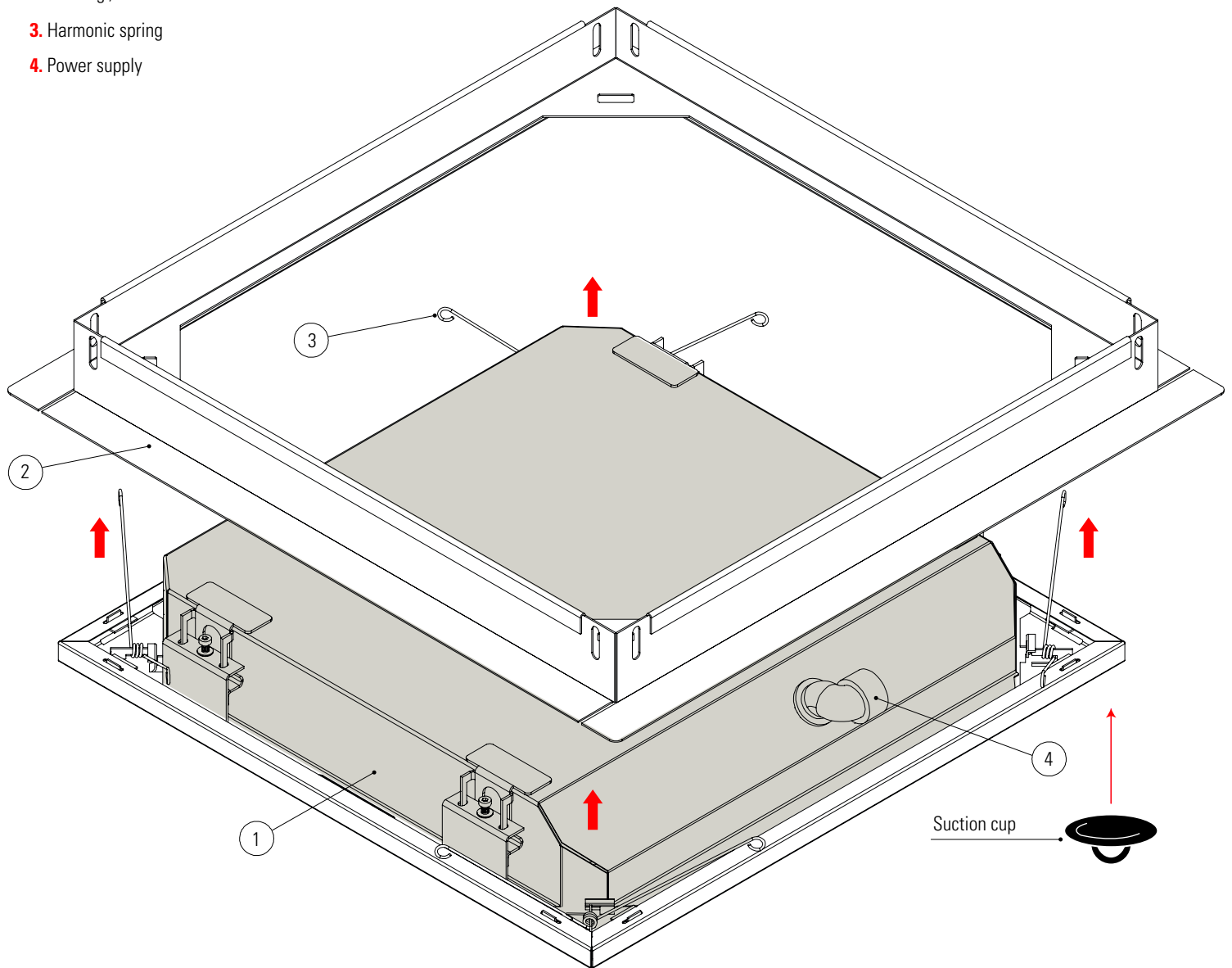
Vert Lab Light 265 70W UGR



Vert Lab Light 265 70W OP

SYSTEM COMPONENTS

1. Vert Lab Light
2. Housing / frame
3. Harmonic spring
4. Power supply

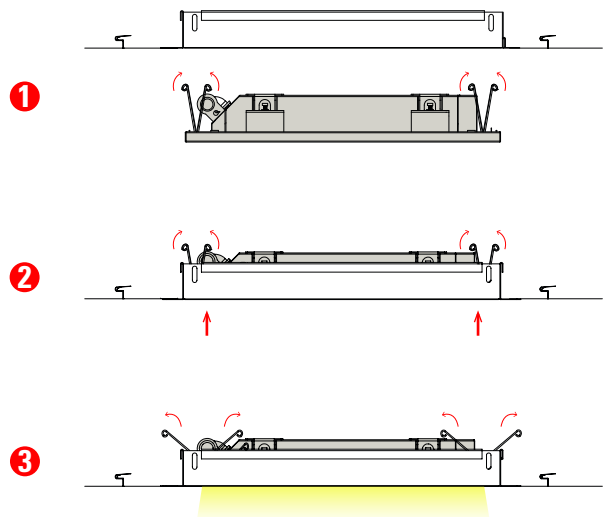


INSTALLATION DESCRIPTION

The Vert Lab Light can be installed in just a few steps:

1. Position and centre the ceiling light (1) over the housing (2) that holds the light fixture
2. Tighten the springs (3) on all four sides of the ceiling light (1)
3. Insert the springs (3) of the ceiling light (1) into the slots in the housing (2), then connect to the mains using the dedicated power socket (4).

- Push the ceiling light upwards to complete the assembly.
- To access the ceiling light, use the suction cup in the corner.



SYSTEM COMPONENTS

ASSEMBLY EXAMPLE

1. Vert Lab Light

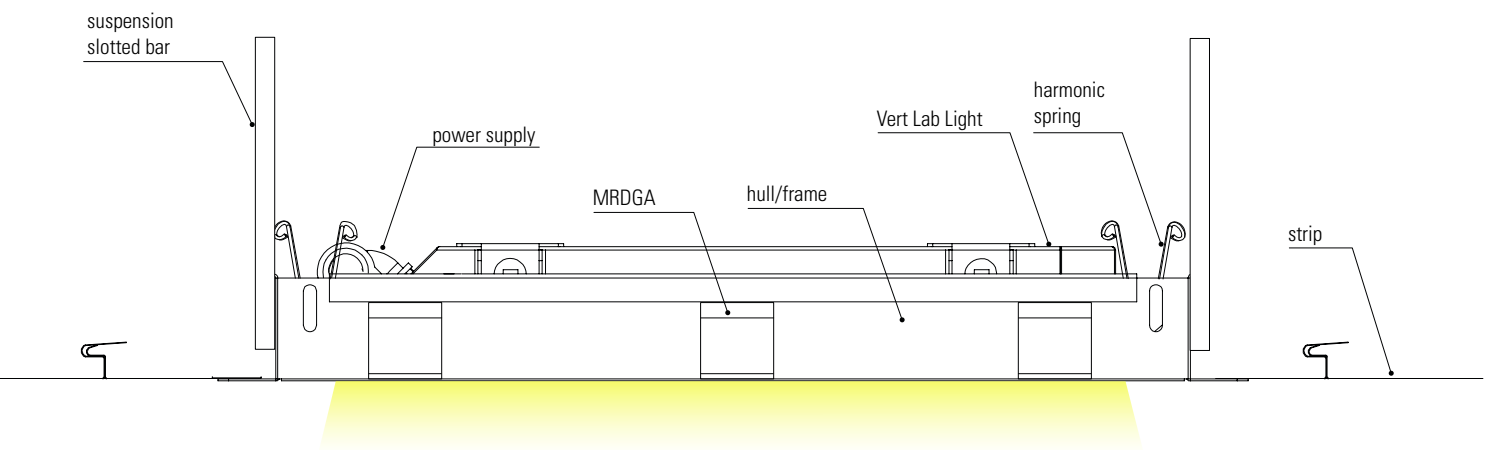
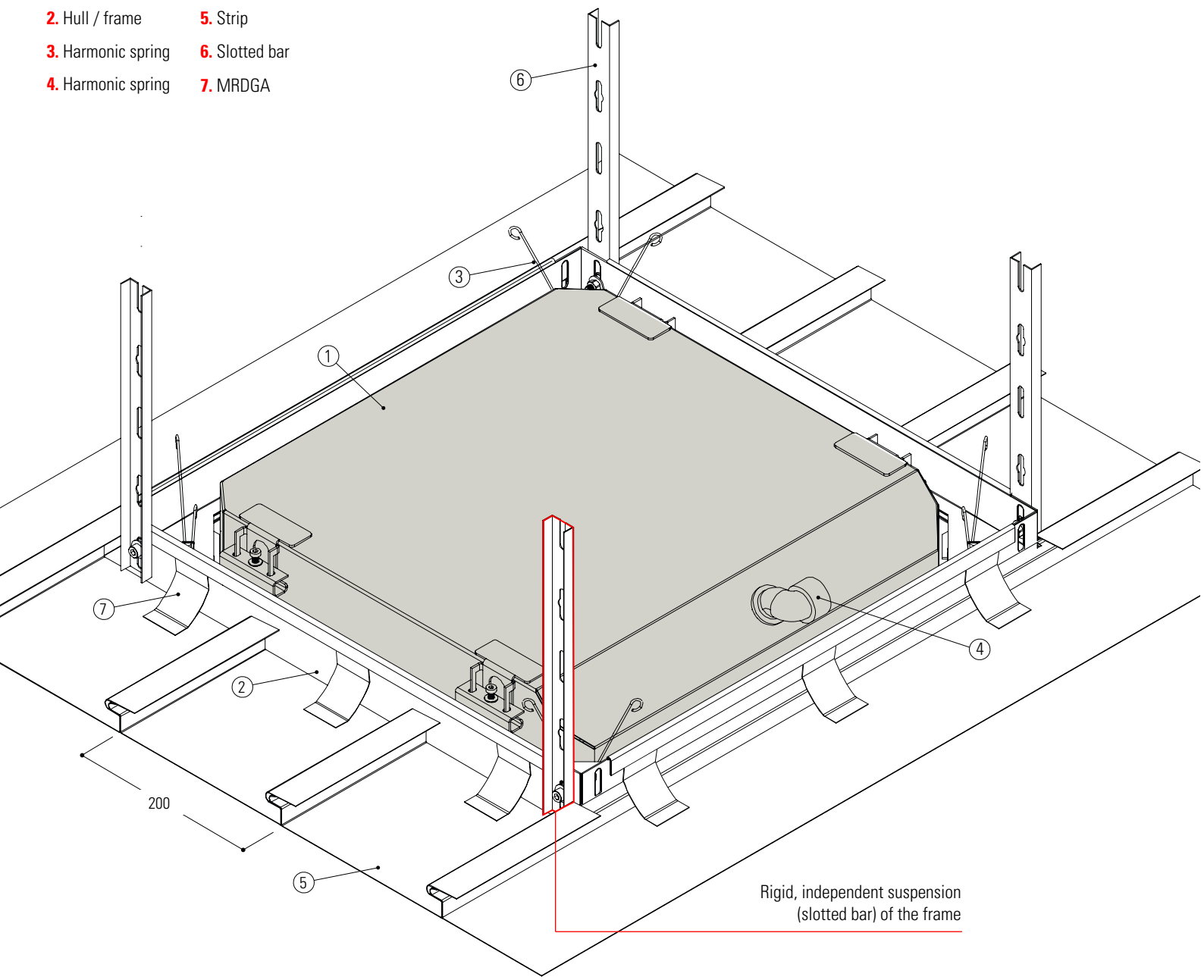
2. Hull / frame

3. Harmonic spring

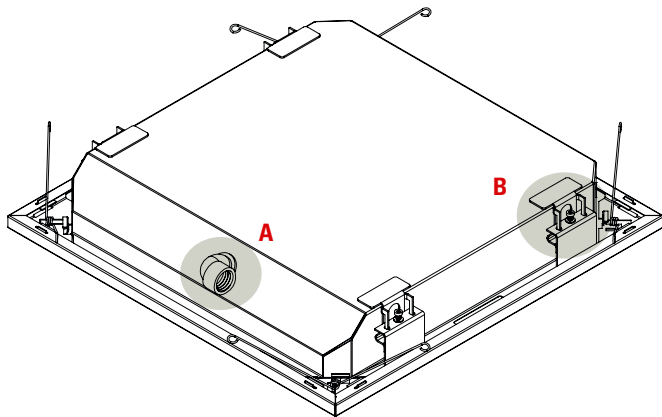
4. Harmonic spring
5. Strip

6. Slotted bar

7. MRDGA



POWER SOCKET AND SEAL



A: POWER SUPPLY

- 230/240 V - 50/60 Hz power supply with a 0.75 mm² cable and flame-retardant PVC-HT sheathing in accordance with CEI 20-35 standards and compliant with CEI 20.20 and CEI CENELEC HD 21 standards. IP66 waterproof connector 2P+T or 4P+T, maximum permissible cable cross-section 2.5 mm².

Insulation class I. Suitable for installation on normally flammable surfaces.

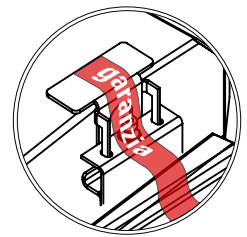
- EEI=A2 230-240 V, 50–60 Hz power supply unit. Power factor > 0.95.

B: CLOSING BRACKET AND SEAL

Closing bracket consisting of two parts:

- Upper support bracket
- Lower sealing bracket to which the warranty seal is applied.

It is recommended not to remove the seal to avoid voiding the product warranty



OTHER OPTIONAL FEATURES

Possibility of adding a microprocessor-based self-test module featuring:

- Battery life test
- Functionality test
- Test routines

**Luminous flux tolerance $\pm 10\%$

*Dual Power option

*RGB with DMX communication protocol

*RGBW with DMX communication protocol

*RGBW - RGB DMX - DALI WHITE or ON/OFF WHITE

***DUAL POWER available on selected models only

**Power subject to minor variations ($\pm 5\%$) without prior notice

*/** see performance and consumption table on page 2

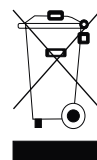
WARNINGS

General Warnings

- The appliance has been manufactured to the highest standards, and its service life will be more than adequate provided it is used correctly.
- Please read the following warnings carefully, as they contain important instructions regarding safety, installation, use and maintenance.
- After removing the appliance from its packaging, check that it is undamaged; if not, contact the retailer.
- Packaging materials (plastic bags, etc.) must not be left within the reach of children as they may pose a hazard.
- Before connecting the appliance, ensure that the rating plate details correspond to those of the mains supply to which the appliance will be connected (the rating plate is located on the outside of the appliance).
- Before carrying out any cleaning or maintenance operations, disconnect the appliance from the mains supply by switching off the main switch; in the event of a fault, contact only professionally qualified personnel.
- Failure to comply with the above may compromise the safety of the appliance.
- The manufacturer cannot be held liable for any damage resulting from improper, incorrect or unreasonable use.

Important warnings

- The product must not be modified; any modification will invalidate the warranty and may render the product unsafe. Antonio Guerrasio s.r.l. accepts no liability for damage caused by its products if they are installed in a manner that does not comply with the instructions.
- Any components that become damaged must be replaced with equivalent components.
- The products must be installed in a workmanlike manner.
- To avoid dangerous overheating, it is recommended not to install the appliance in confined spaces with poor ventilation.
- The appliance is also intended for installation on normally flammable surfaces.



Recycling

In accordance with Directives 2002/95/EC, 2002/96/EC and 2003/108/EC (relating to the restriction of the use of hazardous substances in electrical and electronic equipment, as well as to waste disposal), the crossed-out bin serves as a reminder to dispose of the product separately from other waste at the end of its life, or to return it to the retailer when purchasing a new equivalent appliance. This helps to protect the environment from any form of contamination and promotes the recycling of the appliance's components. Illegal disposal is subject to penalties in accordance with the law.



IP66



Features subject to change and improvement without notice