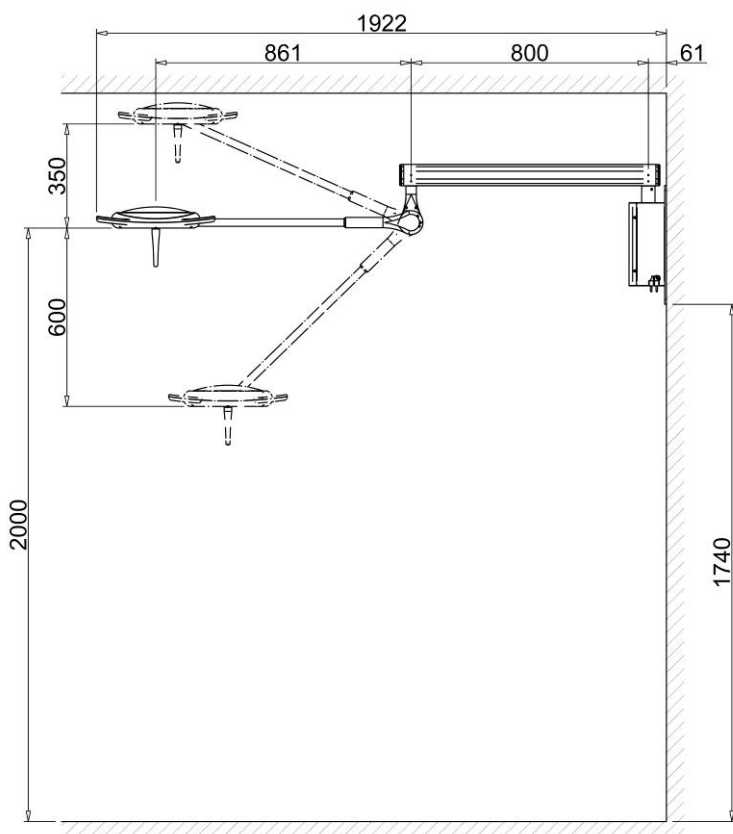


SLIM



TECHNICAL PROPERTIES



SLIM wall model

Performance	
	Slim
Light intensity (Ec)	100klx
Colour temperature (K)	4500
Colour rendering index (CRI)	96
Light source	n°12 Led
Focus	Fissa
Light field depth (60%)	85 cm
Light field diameter d ₁₀	16 cm
Irradiated energy	414 W/m ²
Electrical Data	
Primary voltage (Vac)	100÷240 V
Secondary voltage (Vdc)	24 V
Frequency	50/60 Hz
Power consumption	40 VA

WALL ANCHORAGE CHARACTERISTICS

- PREPARING THE PREMISES MECHANICALLY

The masonry works of preparation of the wall to install the Product, must be made in a solid and safe way according to the rule of art by qualified personnel and in total care of the end customer.

By way of example and not exhaustive, qualified personnel are the following professional figures: Building Engineer, Surveyor, Construction Company, regularly enrolled in the Professional Register.

The wall must have a flow rate and thickness suitable for the tightness of the equipment.

The installation room must have the certificate of viability.

The mechanical anchoring process of the wall plate must be carried out by determining in advance to which type of wall you are anchoring and behaving accordingly; by way of example and not exhaustively we list some types of walls and related anchoring methodology:

Reinforced concrete *Mechanical anchoring:* proceed to fasten the ceiling plate using n°6 screw anchors⁽¹⁾ carefully following the instructions provided by the anchor manufacturer

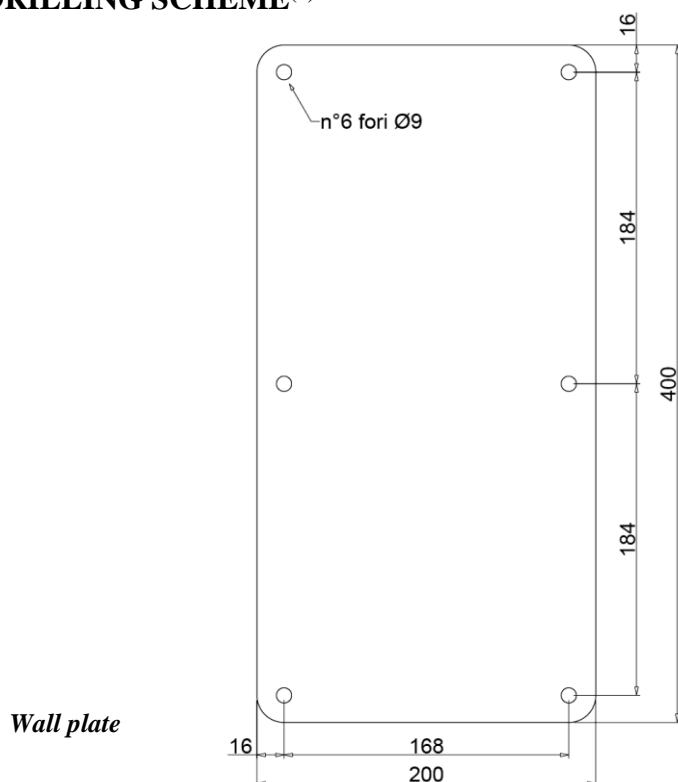
Chemical anchoring: proceed to fasten the ceiling plate using n°6 injection chemical anchors⁽¹⁾ carefully following the instructions provided by the anchor manufacturer.

Hollow-core concrete In this case, the wall must be sandwich closed by means of the lamp plate and counter-plate.

The plate and counter-plate shall be jointed with steel threaded bar⁽¹⁾, and clamped on the side ends with suitable washers, nuts and lock nuts.

⁽¹⁾ the use is allowed of anchoring means/threaded bars of size up to M8 at most, due to the diameter of the through holes of the plate.

- DRILLING SCHEME⁽²⁾



Notes

(2) optionally, you can request the supply of the additional counter-plate, for sandwich fixing of the product.

For more information or request of the plate and counter-plate system contact customer service.

 TECNO-GAZ	SLIM lamp WALL version	EN	06 June 2022
		Rev.3	Page 3 / 4

STATIC AND EXECUTION CONFORMITY

Preliminary conditions for static conformity

The competent construction technicians must confirm in writing that the current national directives and the following points will be respected.

The customer must keep the certification together with the product documentation and attach a copy to the order.

1. The installation premises must have building code compliance.
2. Competent building technicians must establish in advance the anchoring method best suited to the type of wall and accept responsibility for their decision.
3. The wall must possess and guarantee a flow rate and thickness suitable for the tightness of the equipment.
Any additional loads anchored to the wall itself must also be considered.
The load-bearing wall should preferably be brick.
4. Each of the six wall anchors shall have a permissible resistance load suitable to support the weight of the equipment.
The permissible strength can be determined on the basis of the following points:
 - Information provided by the anchor manufacturer
 - Quality of the load-bearing wall, for example, the strength of the cement
 - Arrangement of all the dowels, with decrease due to the distances given for them

- CORRECTLY WIRING UP THE PREMISES

The premises used for medical purposes must be safely wired up in a workmanlike manner by qualified personnel.

Qualified personnel include but are not restricted to the following professional figures:

Electrical Engineer Electro-technical expert qualified to work as an electrician.

The wiring system of the environment (premises) in which installation is made must be in conformity with CEI 64-8 standards (IT regulations for premises used for medical purposes) and with applicable national laws and/or regulations.

The electrical system must be certified by an electrician qualified to issue the certificate of conformity.

The earth system must be certified as required by applicable regulations.

The electrical system must envisage laying cables suitable to the electrical characteristics of the Product to be supplied.

The electrical system must feature a protection fuse or thermal magnetic disconnection switch upstream of the Product, to avoid the risk of its being damaged following faults and/or malfunctions of the power mains.

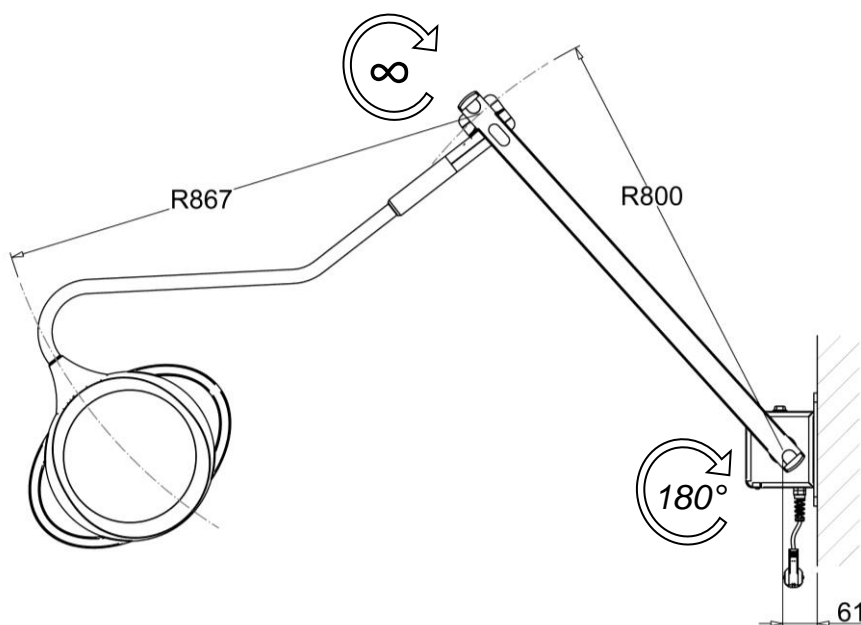
CONFORMITY DECLARATION

On the basis of the above points, we certify that the static calculation, mechanical works for preparing the anchorage of the product and the preparation of the electrical system have been carried out safely, according to the rule of art.

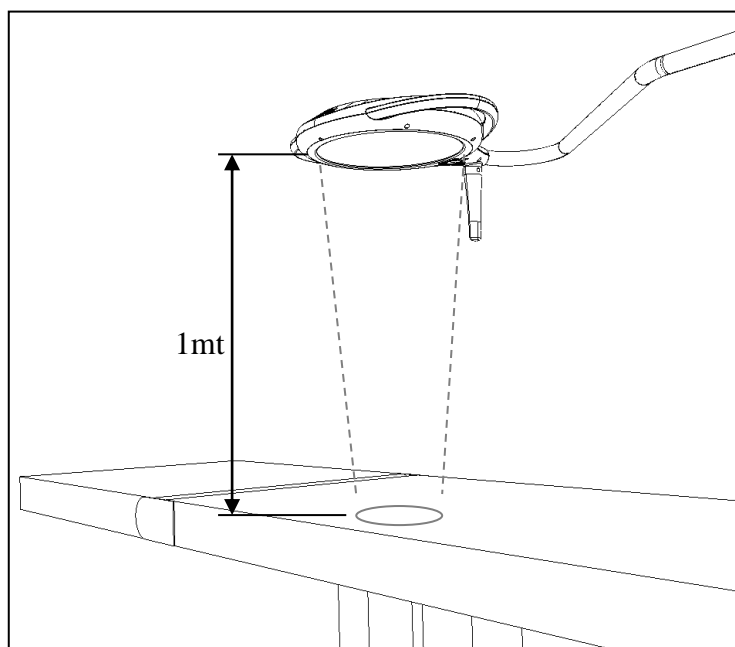
IMPORTANT:

TECNO-GAZ S.p.a. disclaims all liability for any type of fault or damage which might occur over time due to the electrical system installed in the premises not being suitable

PRODUCT OPERATING AREA



WORK DISTANCE



To have the optimization of light intensity, we recommend using the product at a distance of 1m.

However, the product provides good light intensity even when used at a distance of 70cm to 140cm