



### + Secured cover

The Fluidys bed head unit has a specific cover secured by key for medical gas. Made of PMMA (Polymethyl methacrylate), the transparent cover is resistant and can be adapted to environments which require a maximum security. It has a high impact resistance rating IK 07.

### + Design and ergonomics

The bed head unit can incorporate an optional 300 mm long medical accessory mounting rail. This rail can be positioned at the top or bottom of the bed head unit.

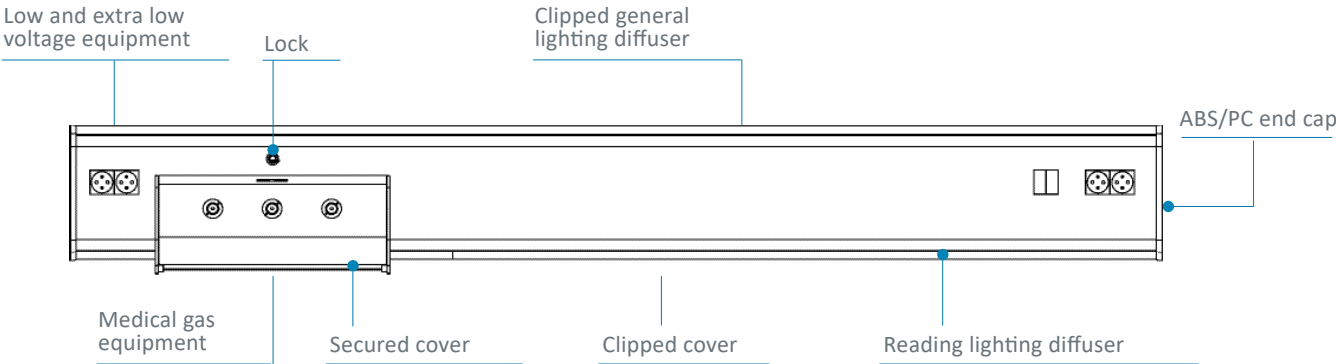
### + Continuous lighting

The LED version of the FLUIDYS offers the possibility of a continuous direct light, adding an aesthetic appreciation.

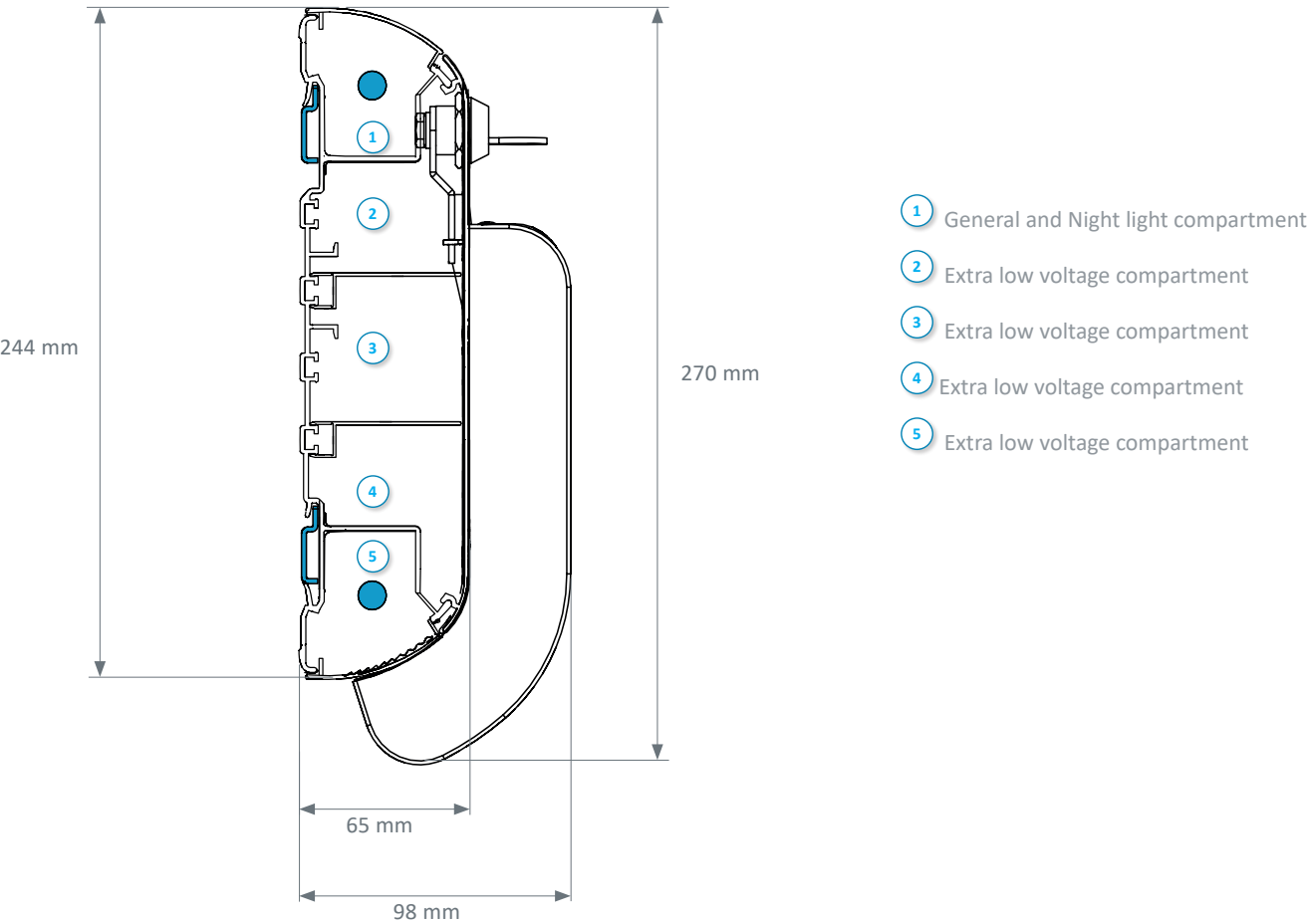


# TECHNICAL FEATURES

## Front view



## Cross-section



## Colours

	White RAL 9016	Grey RAL 7040	Grey RAL 9006
Aluminum profile	●		●
End caps	●	●	

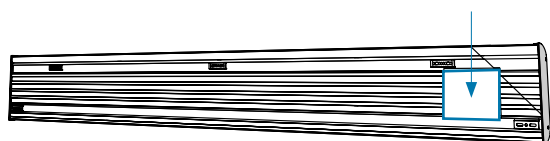
The innovative design of the FLUIDYS has produced a stylish unit with clean lines, blending in perfectly with caring facilities. The bed head unit is easy to install and very ergonomic. The bed head unit has a monobloc cover, so that maintenance teams can easily clean and disinfect it.

### Power Supply

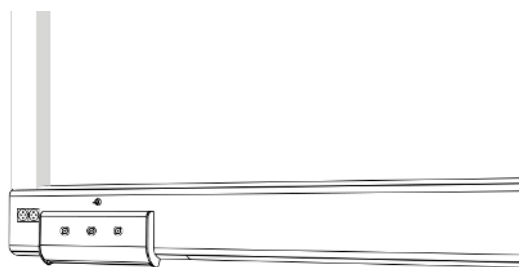
FLUIDYS is designed to be fed:

- From behind (A)
- From the ceiling, by a riser (B)
- From the side (C)

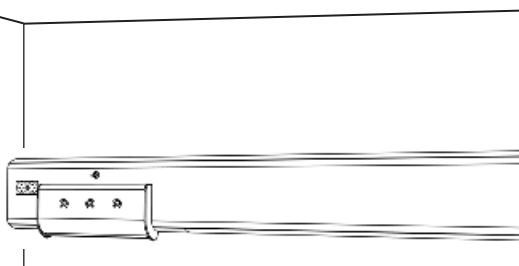
A



B

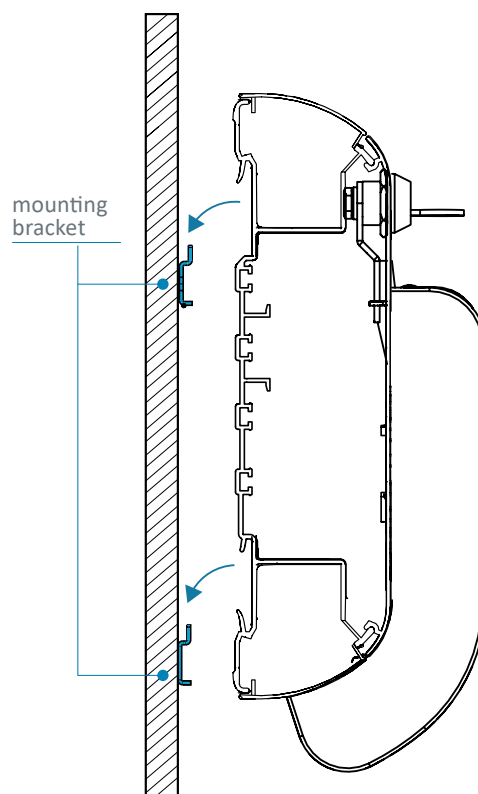


C



### Installation

The wall-mounting system and the simplicity of the locking system save a great deal of installation time.



### Electrical equipment integration

The waterjet cutting of the FLUIDYS cover enables exact and customized cutting. It can integrate all forms of outlets. Flush mounting of electrical equipment enables easier cleaning and disinfection of the product.



### Medical gas

The bed head unit incorporates every type of gas outlet standard behind the cover (AFNOR, BS, DIN...).



## CONTROLLED LIGHTING

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The FLUIDYS is available in LED version. Its optical design allows perfect control of the lighting, favouring the well-being of care teams and patients.

### Efficient lighting:

The reflectors provide high output and focus the light.

### Comfortable lighting:

Reading lighting is provided with an anti glare effect diffuser.

### Controlled and directed lighting:

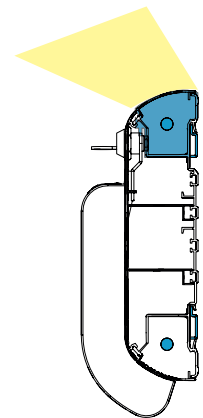
The general and reading lighting units incorporate prism diffusers that direct the light flux towards the middle of the room and the reading plane.

### General lighting

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Extruded PMMA\* diffuser with asymmetric grooves

- MIRO 20 SILVER® (LED) aluminum reflector

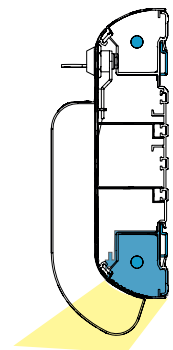


### Reading lighting

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- Extruded PMMA\* diffuser with asymmetric grooves

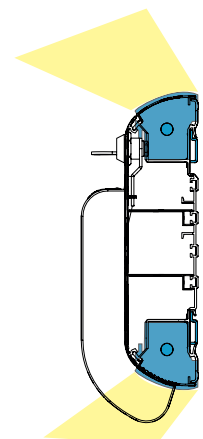
- MIRO 20 SILVER® (LED) aluminum reflector



### Caring lighting

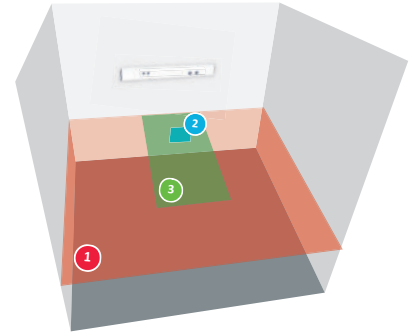
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Caring lighting combines direct (reading) lighting with indirect (general) lighting, meeting all norms and standards.



## Lighting study

- Standard room
- Dimensions of the room: 3 m x 3 m, ceiling clearance 2.5 m
- Reflection coefficients: ceiling 7, walls 5, and floor 3
- Coefficient of depreciation 0.83



	<b>General lighting</b> Virtual general lighting plane of a surface equal to the one of the room, located 0.85 m above the floor (3 m x 3 m for a single room).	<b>Reading lighting</b> Virtual reading plane 0,3 m x 0,3 m inclined at 75°, located 1,1 m from the floor and 1 m from the wall where the unit is located.	<b>Caring lighting</b> Virtual examination plane 2 m x 0,9 m located 0,85 m from the floor and 1 m from the wall where the unit is located 0,1 m.
<b>LED</b>	<b>5 Ft module</b> 	<b>2 Ft module</b> 	<b>General and reading lighting combined</b> 
Consumption	52,2 W - 40%	16,2 W - 65%	78,4 W - 39%
Average lighting	177 lx	326 lx	581 lx

## Lighting power

Lighting	Power	Types of source / Endsocket	Luminous Flux	Consumption	System Efficiency	Gear(s) / Driver(s)
General lighting	45,5 W (5 Ft)	LED*	7093 lm	52,2 W	136 lm/W	Fixed / 1-10 V / DALI
Reading lighting	12,6 W (2 Ft)	LED*	2120 lm	16,2 W	131 lm/W	Fixed / 1-10 V / DALI
Night light	1 x 3,2 W	LED*	350 lm	5,2 W	67,5 lm/W	Fixed

\* Available in 3000 K or 4000 K (night light only in 3000 K)



## Dynamic Lighting

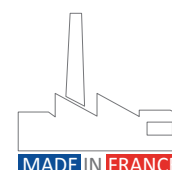


The FLUIDYS bed head unit is available with dynamic lighting.  
For more information, please read the dedicated brochure.

## Norms & certifications

- EN ISO 13485: Quality management systems
- CE Medical Devices Marking according to the (EU) Rules 2017/745
- EN ISO 11197: Medical supply units
- EN ISO 7396-1: Medical gas pipeline systems - Part 1
- European rules for caring centers lighting

Bed head units, Wall lighting units, Ceiling pendants, Suspended Beams & Columns,  
Special care bed head units, Sealed lightings, Medical gas monitoring & Biomedical Accessories



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