TLV Healthcare

Easy maintenance

MEDIVA's separate compartment for medical gas provide quick and easy access for installation and maintenance. The bed head unit can be installed quickly in just three steps, saving time and manpower.

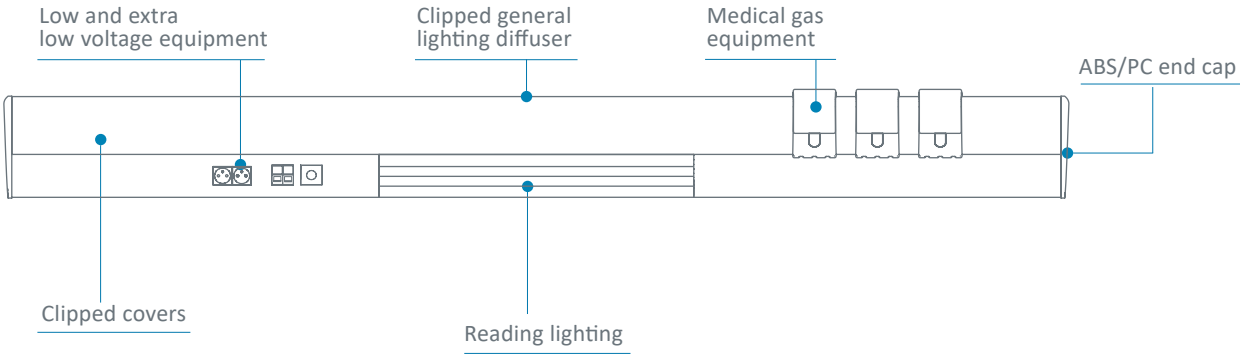
Design & Ergonomics

MEDIVA's electrical devices are ideally positioned, with easy access for patients and care staff. The bed head unit has smooth surfaces, making it easy to clean.

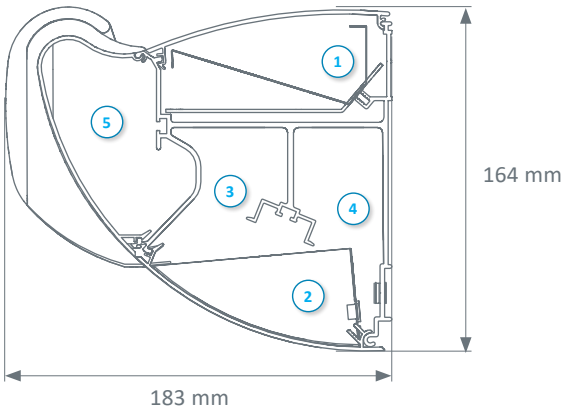
Personalisation

Gas casing are available in seven colours, to match with the decor of normal care rooms.

Front view



Cross-section

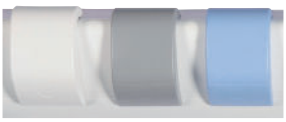


1. General and Night light compartment
2. Reading lighting compartment
3. Low voltage compartment
4. Extra low voltage compartment
5. Medical gas compartment

Colours

	WHITE RAL 9016	GREY RAL 9006	GREY RAL 7040	BLUE RAL DESIGN 260 80 15
Aluminum profile	●	●		
End caps	●	●		
Gas casing	●		●	●

3 gas casings, to match the MEDIVA with the decor of your normal care rooms.



FUNCTIONALITY

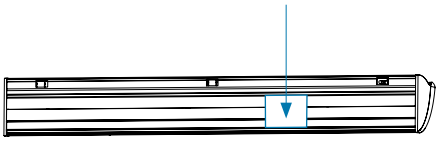
The MEDIVA bed head unit is entirely custom made, and provides comfortable, soothing indirect lighting for patients and care teams.

Power supply

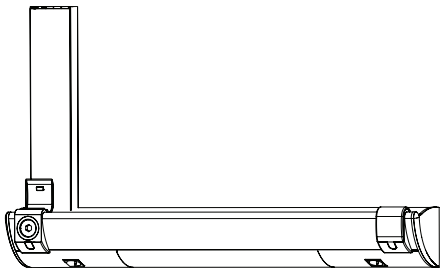
MEDIVA is designed to be fed:

- From behind (A), via a cut-out in the bed head unit
- From the ceiling, by a riser (B)
- From the side, through an extra duct (C)

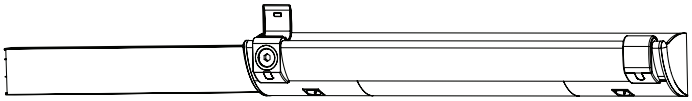
A



B

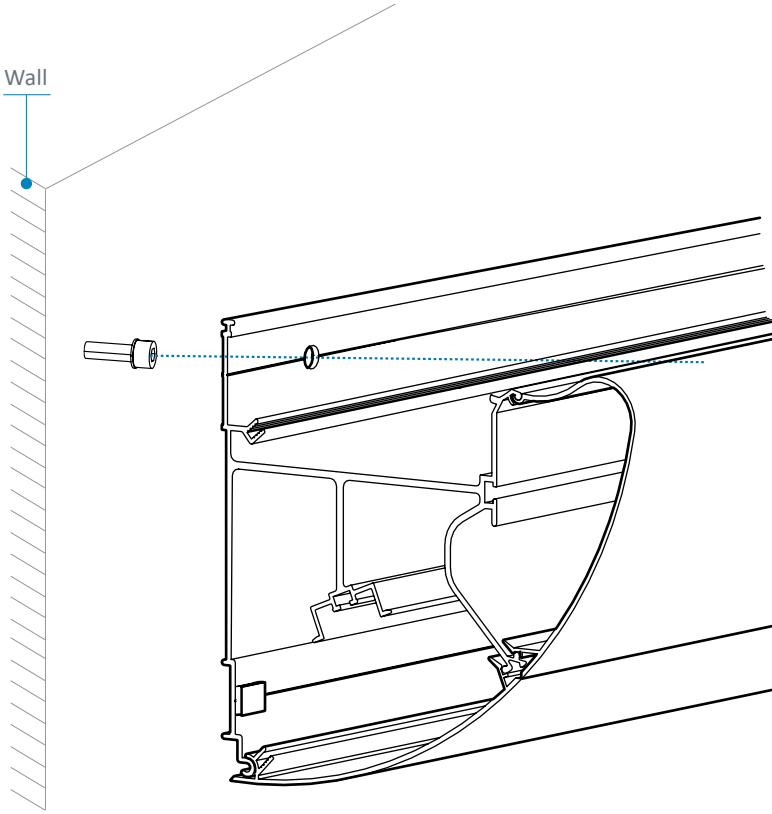


C



Installation

The MEDIVA is quick and easy to install thanks to its screw-mounting system via the back of the bed head unit.



Electrical equipment integration

The waterjet cutting of the MEDIVA's 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 casing

The ABS / PC medical gas casing, available with flap (A) or without flap (B), allow any gas outlet to be installed (e.g.: AFNOR, DIN, BS, etc.).

A

B

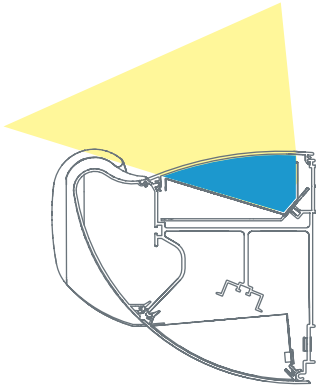
CONTROLLED LIGHTING

The optics of the MEDIVA allow optimum control of the lighting, favouring the well-being of care teams and patients.

General lighting

- Clear polycarbonate diffuser opal with anti-UV treatment

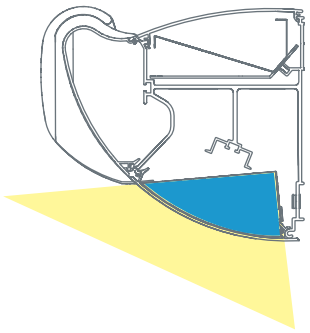
- MIRO 20 SILVER® aluminium reflector



Reading lighting

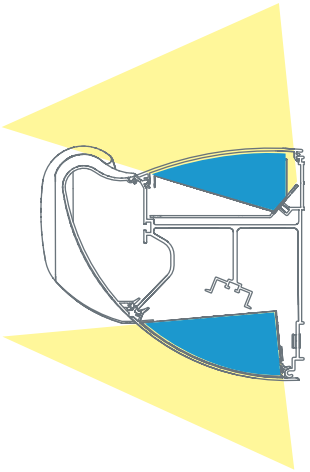
- Opal polycarbonate diffuser with anti-UV treatment

- MIRO 20 SILVER® aluminium reflector



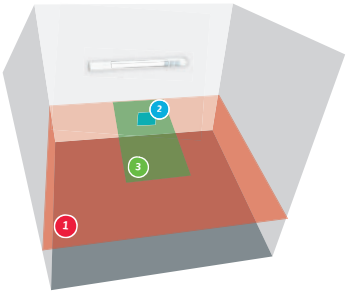
Caring lighting

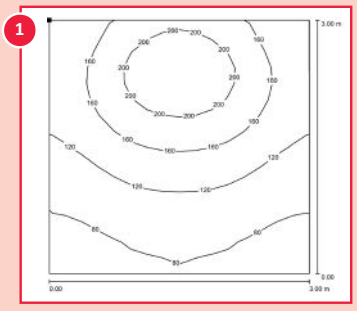
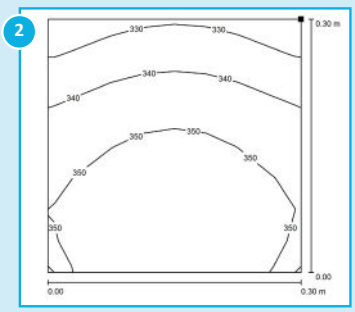
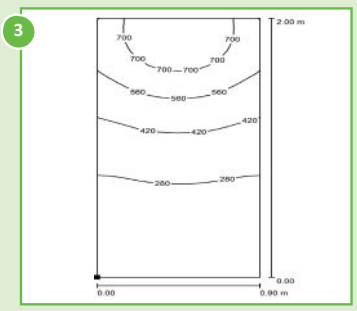
Caring lighting combines direct (reading) lighting with indirect (general) lighting.



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



	General lighting 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).	Reading lighting 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.	Caring lighting Virtual examination plane 2 m x 0.9 m located 0.85 m from the floor, centred in width and 0.1 m from the wall.
LED	**4 Ft module** 	**2 Ft module** 	**General and reading lighting combined** 
Consumption	42,2 W	11,8 W	54 W
Average lighting	140 lx	325 lx	423 lx

Lighting power

Lighting	Modules power	Types of sources	Color temperature	Luminous Flux [1]	Consumption	System Efficiency	Driver(s)
General lighting	35,9 W (4 Ft)	LED	3000 K 4000 K	5965 lm	42,2 W	141,4 lm/W	Fixed / DALI
	44,3 W (5 Ft)	LED	3000 K 4000 K	7390 lm	51,5 W	143,6 lm/W	Fixed / DALI
Reading lighting	9,8 W (2 Ft)	LED	3000 K 4000 K	1756 lm	11,8 W	149,2 lm/W	Fixed / DALI
Night light	1 x 3,1 W	LED	3000 K	292 lm	3,3 W	89,8 lm/W	Fixed

- Luminous flux maintenance factor : L80B10 to 60 000 hours
- MacAdam Ellipse: 3 SDCM
- LED sources photobiological risk : GP1

[1] All the luminous flux indicated in the brochure are based on the flux of the LED modules also known as system flux.

Luminaire output flux = (Module flux) x (optical efficiency), the optical efficiency of the luminaire is indicated in the Eulumdat file (LDT line 23) available for download on our website or on request.

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

MADE IN FRANCE

TLV Healthcare

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