

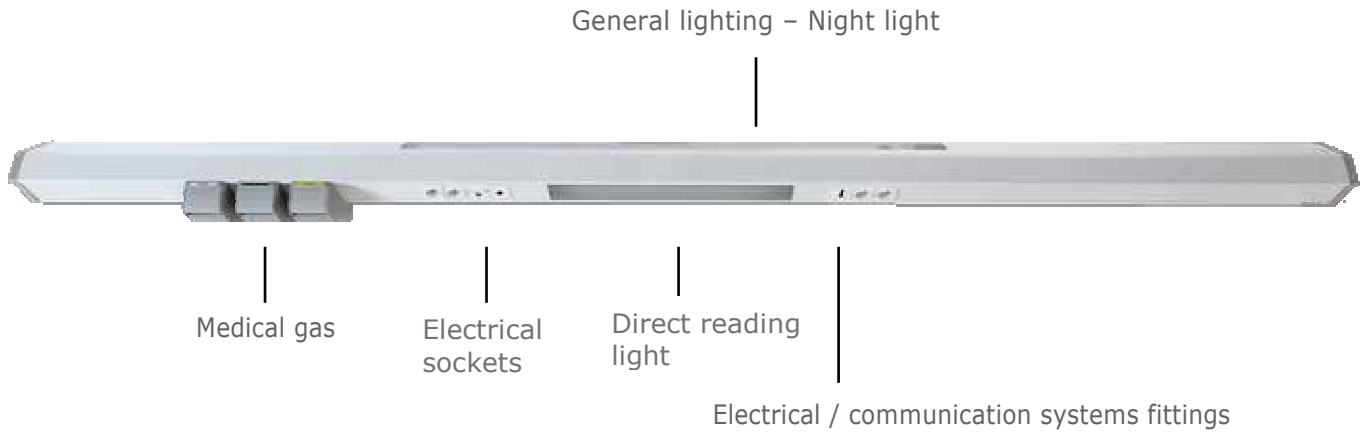
BTL 2.0 bedhead unit



The new **BTL 2.0** is the adapted answer to all hospital requirements :

- Aesthetic "hotel" design
- Optimum functionality
- Top lighting performances (LED)
- Total safety with easy use
- Modular systems for electrical and gas outlets
- Respect of the highest hygiene standards

BTL 2.0 bedhead unit



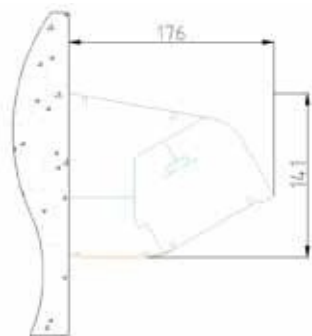
TOP FINISH

- Epoxy powder paint, white RAL 9016 matt finish.
- Other colours available (on demand).
- Smooth end caps for a better security and hygiene.

ELECTRICAL EQUIPMENT

- Bacteria resistant electrical sockets. Total adaptation to all international standards.
- Easy clip terminals wiring connections.

ALUMINIUM PROFILE



- Total segregation between gas, electricity and ELV.
- Mechanical separation of LV/ELV independent removable covers for electricity and medical gas fittings.
- Invisible efficient ventilation for medical gases.
- Covers earthed by flexible wire.

TOTAL MODULARITY



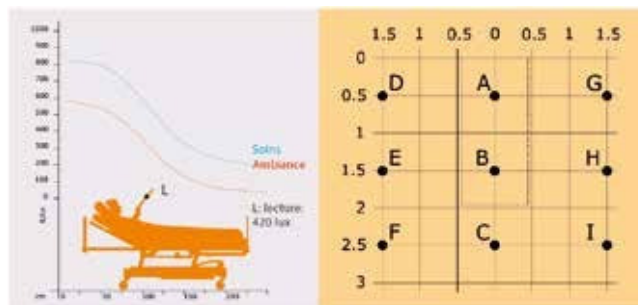
- Modular design of all components for eventual modification on site.
- Possible flush mounting system (hygiene)
- Special insulated plastic housing for gas and electricity.

BTL 2.0 bedhead unit

LIGHTINGS

- Efficient lighting provided by total integration in the profile (LED technology on demand).
- The easy removable lighting battens (1 or 2 fluorescent tubes, or LED technology).
- Reading and care lightings by 2 fluorescent tubes.
Quick unclipping battens systems inclination of 30° for direct flux.
Double prism diffuser for better lighting (unbreakable polycarbonate)
- Electronic equipment for T5 tubes and LED converters.

BTL 2.0									
	A	B	C	D	E	F	G	H	I
Indirect 2x54w T5	230	215	140	165	150	115	165	150	115
Direct 2x24w T5	540	120	40	55	45	30	55	45	30
Indirect/Direct 2x24w T5	790	330	160	225	195	135	225	195	135



LED LIGHTING ELEMENTS

New technology provide by energy sources saving system (colour shade lighting).

Various LED configurations (in partnership with market leaders).

Indirect lighting	2 x 54w T5 2 x 36w T8 Platine LED	Electronic fittings HF Conventional fittings Electronic fittings HF
Direct lighting	1 x 24w T5 2 x 24w T5 1 x 18w T8 Platine LED	Electronic fittings HF Electronic fittings HF Conventional fittings Electronic fittings HF
Night lighting	LED 1w 10/15 w	Electronic converter Incandescent

CONTROLS

A very low voltage self-powered electronic box, (control of unit, controls the lighting, the roller blinds...). Device with function control display elements.

Luminosity detector control for energy savings (more than 30%).

MEDICAL GAS OUTLETS



Robust and modular, all brand gas outlet fittings mounted on stainless steel brackets and finished with a cast aluminum cover that comes in gloss white or grey.

Efficient rear ventilation of the compartment and outlets for a better asepsis (in conformity with EN ISO11197 standards).

Comes in aluminium grey or white (other colours on demand).

POWER SUPPLY DUCTS



BG Profile



BM Profile

Medical gas outlet feedings points can be either lateral, rear or through compartmentalised aluminium profile supply ducts with the same finish as the head unit.

These units are segregated and of the same finish as bed heads.

There are two different types of profiles according to the necessary amount of electrical equipment and gas tubes.

TECHNICAL CHARACTERISTICS

- Design and Technology in conformity with Standards EN ISO 11197 (Technical units for medical use).
- Lighting systems in conformity with Standards NF EN 12464-1 and French Lighting associations recommendation (Feb 2000).
- Electrical registration Class I NF EN 60601-1.
- IP20 protection.
- 850° C incandescent wire tested (NF EN 60695-2-11).
- Epoxy paint finish white RAL 9016
- Materials : Aluminium and stainless steel or grey polycarbonate.
- Average weight: 8 kg
- Suitable wall mounting plugs system and screws
- Easy cleaning and disinfection with a soft cloth and disinfectant