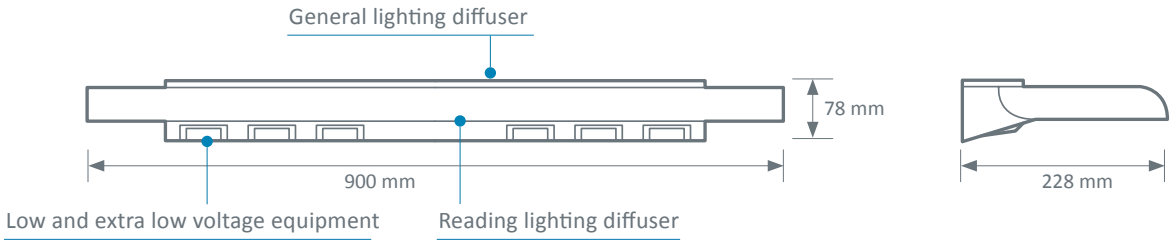
PANAMA T5

TLV Healthcare

Normal care / Wall lighting unit

Front view



Colours

	Grey RAL 9006	White RAL 9016
PANAMA	●	●

Low and extra low voltage equipment

The PANAMA wall-mounted lighting unit satisfies the lighting and electrical distribution needs of normal care rooms, and can incorporate up to six electrical devices (power sockets, nurse call socket, switches, etc.).

CONTROLLED LIGHTING

The PANAMA wall lighting unit is ideal for lighting retirement homes and nursing homes. The quality of the light promotes the comfort and well-being of patients and healthcare professionals.

High-performance and controlled lighting

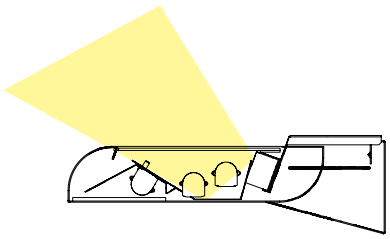
The high-performance reflectors in the general and reading lighting units offer high efficiency and direct the light towards the middle of the room and onto the reading surface.

Comfortable lighting:

General and reading lights are less likely to dazzle the patient, medical personnel, or visitors, because the sources are not directly visible.

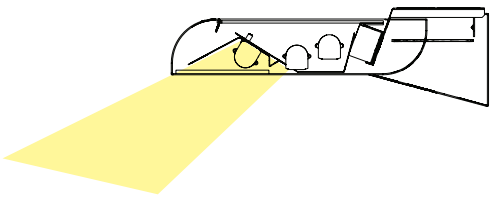
General lighting

- Diffuser made of clear polycarbonate
- MIRO 7® Aluminum reflector



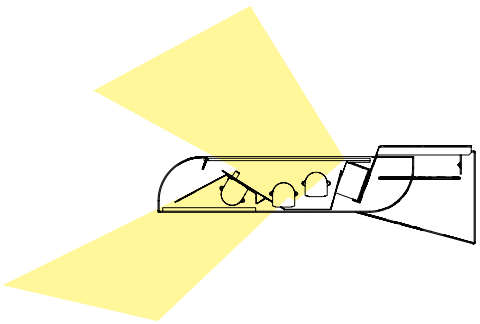
Reading lighting

- Semi-frosted tempered glass diffuser
- MIRO 7® Aluminum reflector



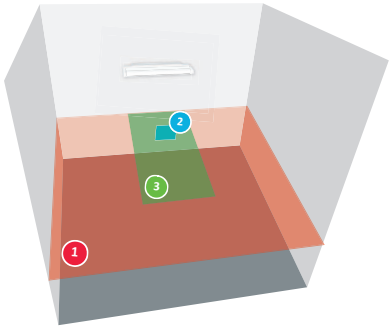
Caring lighting

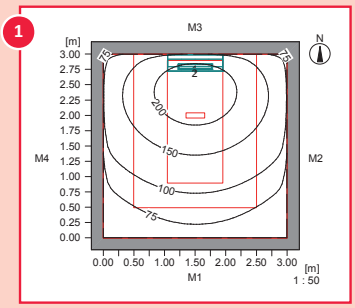
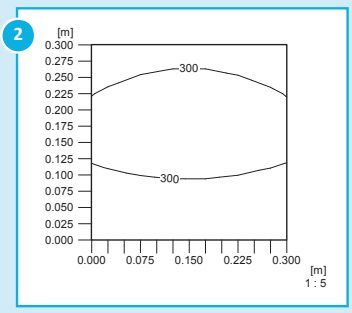
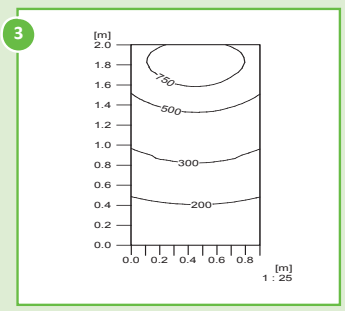
Caring lighting, combining direct (reading) lighting and indirect (general) lighting, meets norms and standards.



Lighting study

- Standard room
- Dimensions of the room: 3m 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 light fitting is mounted.	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.
FLUO	**T5 2 x 39 W** 	**T5 1 x 24 W** 	**General and reading lighting combined** 
Consumption	85 W	27 W	112 W
Average lighting	131 lx	302 lx	411 lx

Lighting power

Lighting	Power	Types of source / Endsocket	Luminous Flux	Consumption	System Efficiency	Gear(s)
General lighting	2 x 39 W	T5 / G5	6200 lm	85 W	73 lm/W	EVG / EVG Dimm / EVG Dimm Dali
Reading lighting	1 x 24 W	T5 / G5	1750 lm	27 W	65 lm/W	EVG / EVG Dimm / EVG Dimm Dali
Night light	1 x 7 W	LC (Fluo compact lamp) / 2G11	400 lm	9 W	44,5 lm/W	EVG

Norms & recommendations

- EN ISO 9001 and EN ISO 13485: Quality management systems
- CE Medical Devices Marking according to 93/42/EEC Directive
- Directive 2004/108/EC: Electromagnetic Compatibility (EMC)
- EN 60598: Luminaires - Part 1: General requirements and tests - Part 2-25: Luminaires for use in clinical areas of hospitals and health care buildings
- Article EC5 safety regulation against the risks of fire and panic in public buildings
- European rules for caring centers lighting

Ceiling pendants, Suspended Beams & Columns, Bed head units / trunkings,
Sealed ceiling lightings, Medical gases monitoring & Biomedical Accessories

MADE IN FRANCE

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