LINA LED

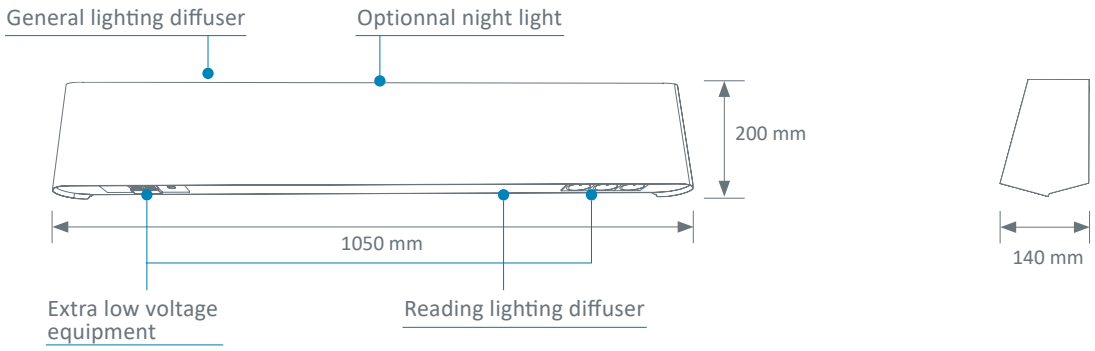
Dynamic Lighting

Registered design

TLV Healthcare

Normal care / Wall lighting unit

Front view



Colors

	GRIS RAL 9007
LINA	●

Other color on request.

Colors examples

Low and extra low voltage equipment

The LINA light fitting meets lighting and electrical distribution requirements of normal care rooms, and can integrate up to six electrical devices (power sockets, call button, switches, etc...).

CONTROLLED LIGHTING

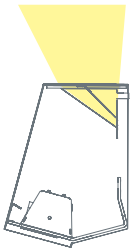
The new LINA wall lighting unit has an elegant design. It is ideal for lighting retirement homes and clinics. Thanks to its built-in electrical devices and its direct and indirect lighting, it satisfies the needs of medical teams and remains comfortable for the patient.

High-performance comfortable and controlled lighting

The reading light diffuser provides soft, comfortable lighting. The patient, medical personnel, or visitors, because the sources are not directly visible.

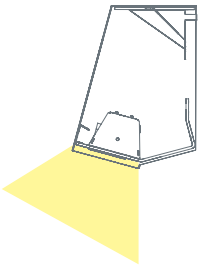
General lighting

- PMMA* choc frost opal direct diffuser
- MIRO 20 ® aluminum reflector



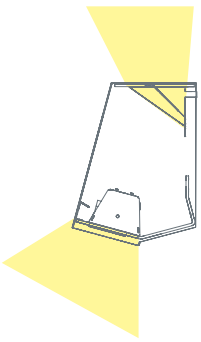
Reading lighting

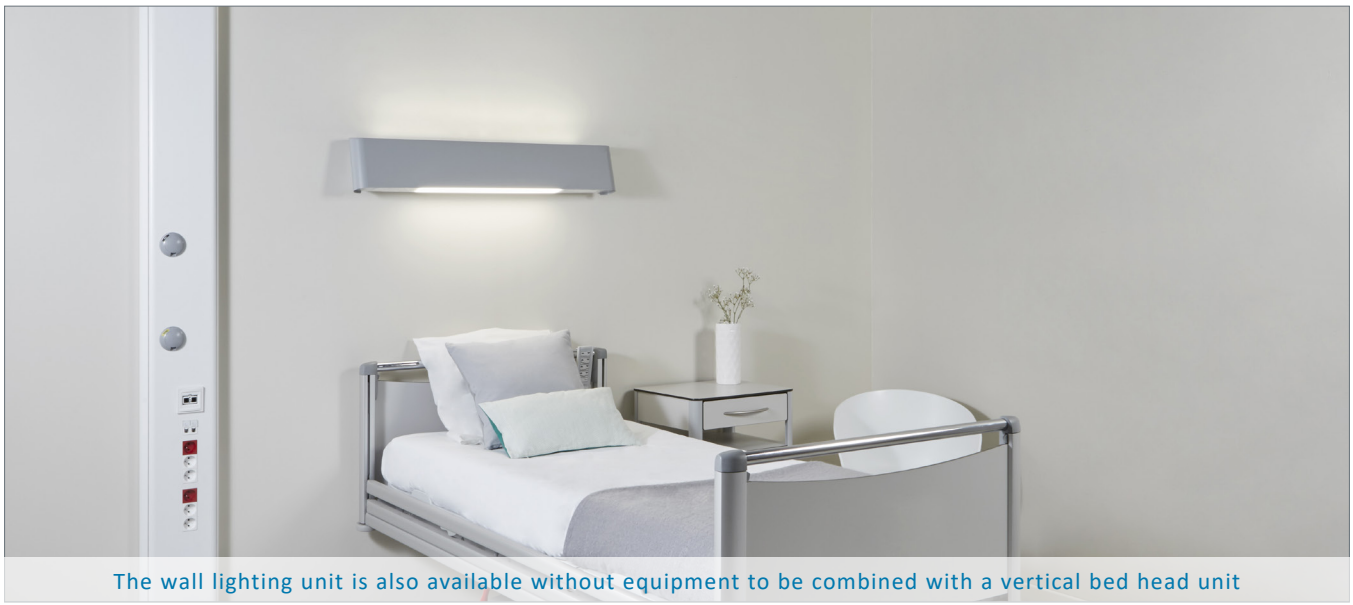
- Diffuser made of clear indirect PMMA*
- MIRO 20 ® aluminum reflector



Caring lighting

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



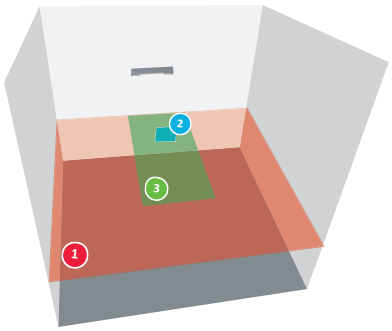


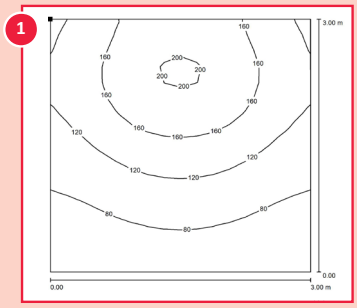
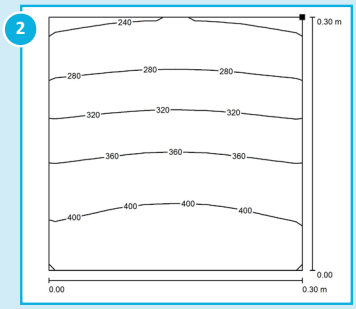
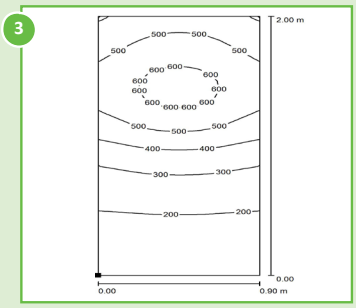
The wall lighting unit is also available without equipment to be combined with a vertical bed head unit

* PMMA - polymethyl methacrylate

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.
LED	**3 ft module** 	**2 ft module** 	**General and reading lighting combined** 
Consumption	31,4 W	19,8 W	44,9 W
Average lighting	105 lx	304 lx	357 lx

Lighting power

Lighting	Modules power	Types of sources	Color temperature	Luminous Flux (1)	Consumption	System Efficiency	Driver(s)	Efficiency energy class
General lighting	26,9 W (3 Ft)	LED	3 000 K 4 000 K	4482 lm	31,4 W	142,6 lm/W	Fixed / DALI	D
General lighting (Dynamic lighting)	38,9 W (3 Ft)	LED	2 700 K to 6 500 K	5000 lm	44,9 W	111,4 lm/W	DALI	E
Reading lighting	16,1 W (2 Ft)	LED	3 000 K 4 000 K	2716 lm	19,8 W	137,3 lm/W	Fixed / DALI	D
Night light	1 x 3,1 W	LED	3 000 K	335 lm	4,9 W	68,1 lm/W	Fixed	F

(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.

Dynamic Lighting

Dynamic Lighting

The LINA wall lighting unit is available with dynamic lighting.

For more information, please read the dedicated brochure.

Norms & certifications

- EN ISO 9001 and EN ISO 13485: Quality management systems
- Low Voltage Directive (LVD) 2014/35/UE
- Directive 2014/30/UE: 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

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

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