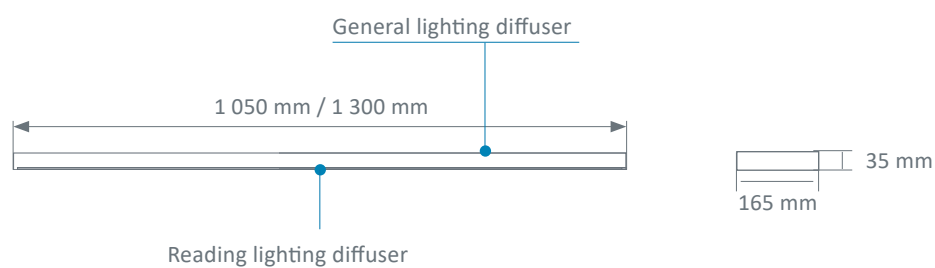




Registered
design

TECHNICAL FEATURES

Front view / Side view



Colours

	Grey RAL 9006	Grey RAL 9007	White RAL 9016
LYSA	●	●	●



The LYSA lighting unit is ideal for lighting retirement homes and clinics. The quality of the light offers comfort and well-being to the patients and healthcare professionals.

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.

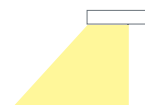
General lighting

- Clear polycarbonate indirect diffuser
- MIRO 20 Silver® Aluminum reflector



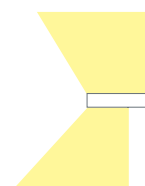
Reading lighting

- Satin-finish polycarbonate direct diffuser
- MIRO 20 Silver® Aluminum reflector



Caring lighting

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

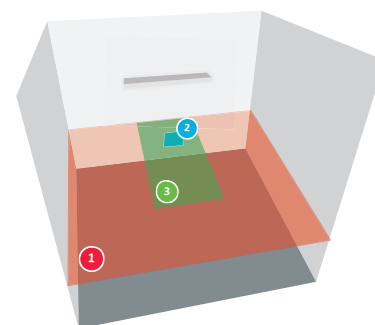


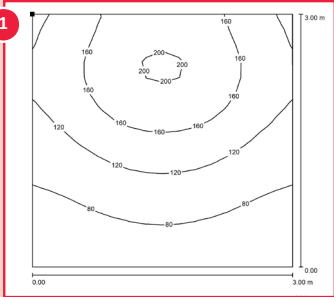
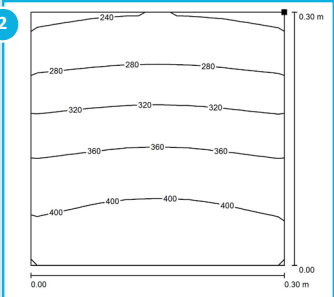
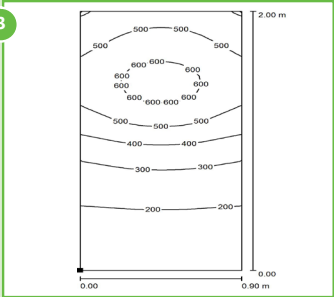
EFFICIENT LIGHTING

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
- Recommended average illumination level :

General lighting 100 lux, reading lighting 300 lux and Caring lighting 300 lux



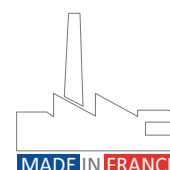
	<h3>General lighting</h3> <p>Virtual general lighting plane of a surface equal to the one of the room, located 0.85 m above the floor (3 m x 3 m for a single room).</p>	<h3>Reading lighting</h3> <p>Virtual reading plane 0.3 m x 0.3 m inclined at 75° located 1.1 m from the floor and 1 m from the wall where the light fitting is mounted.</p>	<h3>Caring lighting</h3> <p>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.</p>
LED	<p>3 Ft module</p> <p>1</p> 	<p>2 Ft module</p> <p>2</p> 	<p>General and reading lighting combined</p> <p>3</p> 
Consumption	33,2 W	10,8 W	44,9 W
Average lighting	125 lx	353 lx	397 lx



Norms & certifications

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



* Energy Efficiency Index - All specifications here in are provided for information purposes only and may be modified by TLV without notice. (J) - Update(LU/MM/AA) : 21/02/2022