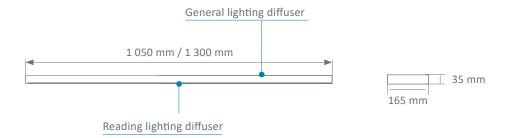








Front view / Side view



Colours

	Grey RAL 9006	Grey RAL 9007	White RAL 9016	
LYSA	•	•	•	



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CONTROLLED LIGHTING

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.



*PMMA: Polymethyl methacrylate

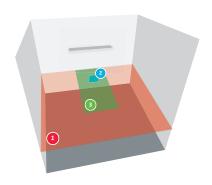
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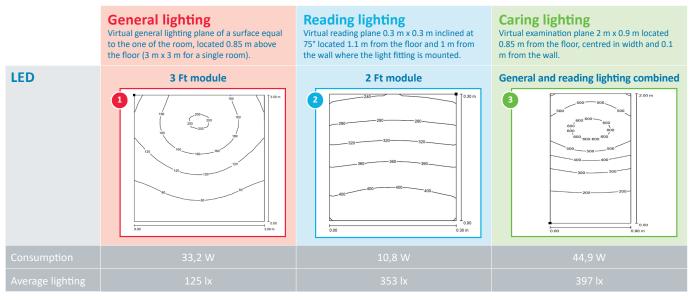
EFFICIENT LIGHTING

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





Lighting power

Modules power	Types of sources	Color Temperature	Luminous Flux (1)	Consumption	System Efficiency	Driver(s)	Efficiency energy class
28,7 W (3 Ft)	LED	3000 K 4000 K	5039 lm (length 1050 mm)	33,2 W	151,9 lm/W	Fixed / DALI	A D
35,3 W (4 Ft)	LED	3000 K 4000 K	6255 lm (length 1300 mm)	40,8 W	153,4 lm/W	Fixed / DALI	A G
38,9 W (3 Ft)	LED	2700 K to 6500 K	5000 lm	44,9 W	111,4 lm/W	DALI	A G E
47,2 W (4 Ft)	LED	2700 K to 6500 K	6200 lm	54 W	114,8 lm/W	DALI	A E
8,9 W (2 Ft)	LED	3000 K 4000 K	1710 lm	10,8 W	158,8 lm/W	Fixed / DALI	A D
3,1 W	LED	3000 K	335 lm*	4,9 W	68,1 lm/W	Fixed	å F
	28,7 W (3 Ft) 35,3 W (4 Ft) 38,9 W (3 Ft) 47,2 W (4 Ft) 8,9 W (2 Ft)	power sources 28,7 W (3 Ft) LED 35,3 W (4 Ft) LED 38,9 W (3 Ft) LED 47,2 W (4 Ft) LED 8,9 W (2 Ft) LED	power sources Temperature 28,7 W (3 Ft) LED 3000 K 4000 K 35,3 W (4 Ft) LED 3000 K 4000 K 38,9 W (3 Ft) LED 2700 K to 6500 K 47,2 W (4 Ft) LED 2700 K to 6500 K 8,9 W (2 Ft) LED 3000 K 4000 K	power sources Temperature Luminous Flux (1) 28,7 W (3 Ft) LED 3000 K (10 km) 5039 lm (10 km) 35,3 W (4 Ft) LED 3000 K (10 km) 6255 lm (10 km) 38,9 W (3 Ft) LED 2700 K to 6500 K 5000 lm 47,2 W (4 Ft) LED 2700 K to 6500 K 6200 lm 8,9 W (2 Ft) LED 3000 K 4000 K 1710 lm	power sources Temperature Luminous Flux (1) Consumption 28,7 W (3 Ft) LED 3000 K 4000 K (length 1050 mm) 33,2 W 35,3 W (4 Ft) LED 3000 K 4000 K (length 1300 mm) 40,8 W 38,9 W (3 Ft) LED 2700 K to 6500 K 5000 lm 44,9 W 47,2 W (4 Ft) LED 2700 K to 6500 K 6200 lm 54 W 8,9 W (2 Ft) LED 3000 K 4000 K 1710 lm 10,8 W	power sources Temperature Luminous Flux III Consumption Efficiency 28,7 W (3 Ft) LED 3000 K 4000 K 5039 lm (length 1050 mm) 33,2 W 151,9 lm/W 35,3 W (4 Ft) LED 3000 K 4000 K 6255 lm (length 1300 mm) 40,8 W 153,4 lm/W 38,9 W (3 Ft) LED 2700 K to 6500 K 5000 lm 44,9 W 111,4 lm/W 47,2 W (4 Ft) LED 2700 K to 6500 K 6200 lm 54 W 114,8 lm/W 8,9 W (2 Ft) LED 3000 K 4000 K 1710 lm 10,8 W 158,8 lm/W	power sources Temperature Luminous Flux (II) Consumption Efficiency Driver(s) 28,7 W (3 Ft) LED 3000 K 4000 K (length 1050 mm) 33,2 W 151,9 lm/W Fixed / DALI 35,3 W (4 Ft) LED 3000 K 4000 K (length 1300 mm) 40,8 W 153,4 lm/W Fixed / DALI 38,9 W (3 Ft) LED 2700 K to 6500 K 5000 lm 44,9 W 111,4 lm/W DALI 47,2 W (4 Ft) LED 2700 K to 6500 K 6200 lm 54 W 114,8 lm/W DALI 8,9 W (2 Ft) LED 3000 K 4000 K 1710 lm 10,8 W 158,8 lm/W Fixed / DALI

⁽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



The LYSA wall lighting unit is available with dynamic lighting. For more information, please read the dedicated brochure.

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^{*} Only available for Lysa 1300 mm



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



