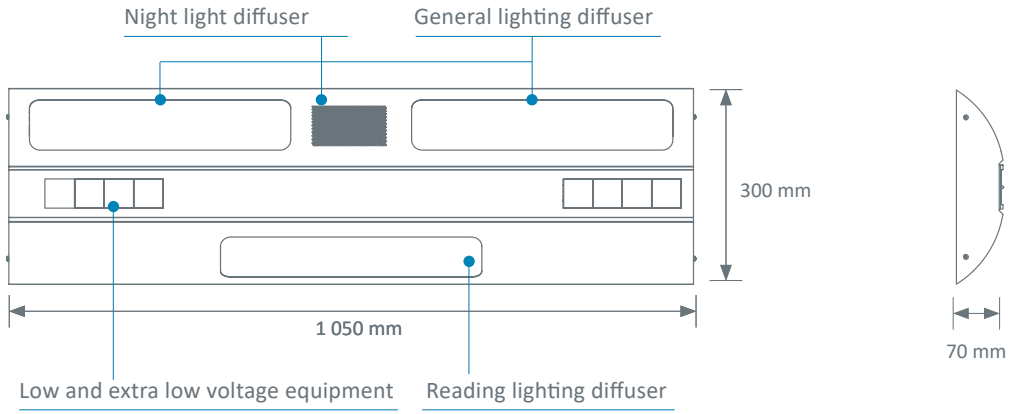
AVOLYS LED

TLV Healthcare

Normal care / Wall lighting unit

Front view



Colours

	White RAL 9016
AVOLYS	●

Ergonomics

AVOLYS satisfies the lighting and electrical distribution needs of normal care rooms, and can incorporate up to eight electrical accessories.

The wall-mounted lighting unit also impact resistance rating (IK08), providing maximum safety to patients and healthcare professionals working in a secure environment (nursing home, Alzheimer units, specialist hospitals, prisons, and psychiatric departments).

CONTROLLED LIGHTING

The ALVOLYS wall lighting unit provides comfortable, high-quality lighting for patients and care teams.

High-performance and controlled lighting

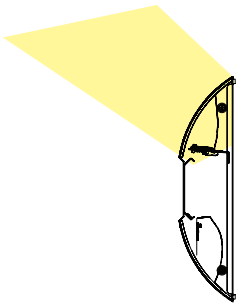
The high-performance reflectors in the general lighting and reading light units offer high efficiency and direct the light towards the middle of the room and onto the reading surface.

Comfortable lighting:

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

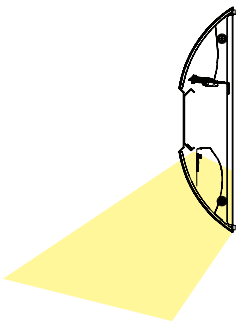
General lighting

- PMMA * diffuser
- MIRO 20 SILVER® Aluminum reflector



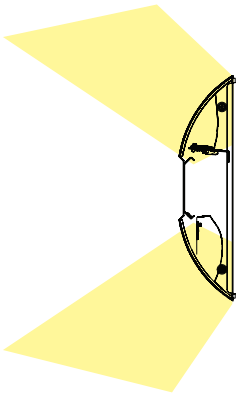
Reading lighting

- PMMA diffuser
- MIRO 20 SILVER® Aluminum reflector



Caring lighting

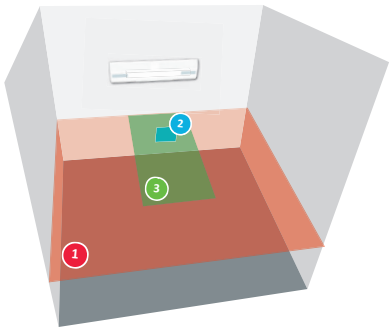
Caring lighting combines direct (reading) and indirect (general) lighting.

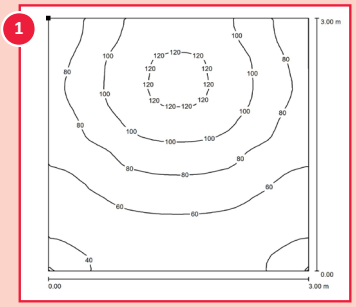
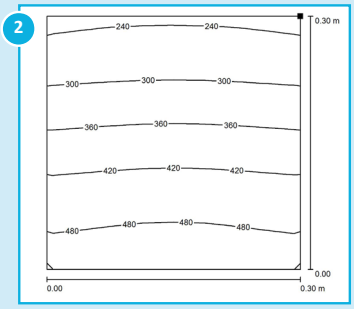
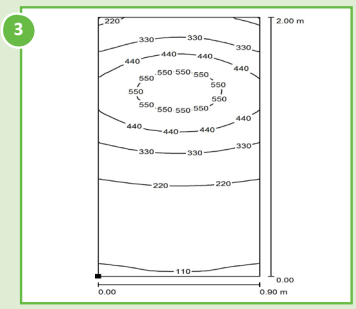


* PMMA: Polymethyl methacrylate

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



	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	**2 Ft module** 1 	**1 Ft module** 2 	**General and reading lighting combined** 3 
Consumption	25,9 W	10,2 W	36,1 W
Average lighting	78 lx	378 lx	305 lx

Lighting power

Lighting	Modules power	Types of sources	Colour temperature	Luminous Flux (1)	Consumption	System Efficiency	Driver(s)	Efficiency energy class
General lighting	22,1 W (2 Ft)	LED	3000 K	3771 lm	25,9 W	145,6 lm/W	Fixed / DALI	C
Reading lighting	8,4 W (1 Ft)	LED	3000 K	1481 lm	10,2 W	145,1 lm/W	Fixed / DALI	C
Night light	1 x 3,1 W	LED	3000 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.

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
- 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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