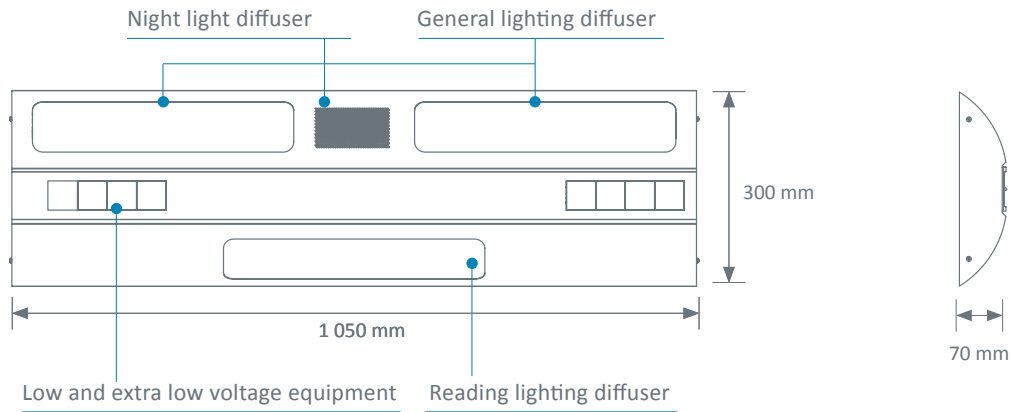


TECHNICAL FEATURES

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

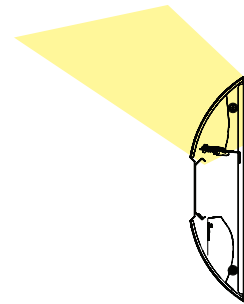
The high-performance reflectors in the general lighting and reading light units offer high efficiency and direct the light towards the middle of the room and onto the reading surface.

Comfortable lighting:

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

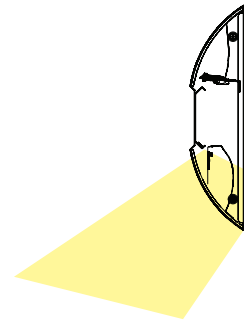
General lighting

- PMMA * diffuser
- MIRO 20 SILVER® Aluminum reflector



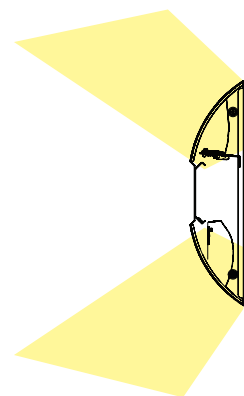
Reading lighting

- PMMA diffuser
- MIRO 20 SILVER® Aluminum reflector



Caring lighting

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

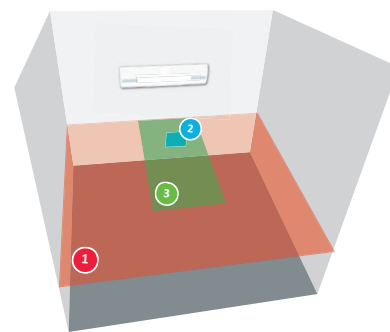


* PMMA: Polymethyl methacrylate

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



	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 Ft module 	General and reading lighting combined
Consumption	26 W	13 W	39 W
Average lighting	78 lx	378 lx	305 lx

Lighting power

Lighting	Power	Types of sources	Colour temperature	Luminous Flux	Consumption	System Efficiency	Driver(s)
General lighting	22,8 W (2 Ft)	LED	3000 K	3000 lm	26 W	115 lm/W	Fixed / 1-10 V / DALI
Reading lighting	11,4 W (1 Ft)	LED	3000 K	1500 lm	13 W	115 lm/W	Fixed / 1-10 V / DALI
Night light	1 x 3,1 W	LED	3000 K	335 lm	4,9 W	68,4 lm/W	Fixed



EEI* **A++**

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



* Energy Efficiency Index - All specifications here in are provided for information purposes only and may be modified by TLV without notice. (G) - Update: (L)/MM/AA) : 09/04/2019