modul TECHNIK



SINGLE BED LIGHT
STANDARD CARE

calmea

Aesthetics – Redefined

powered by
ZUMTOBEL



Fig. 01

calmea

Aesthetics – Redefined

calmea is a stylish single-bed light specifically designed for use in healthcare settings. It provides flexible lighting that enhances patient comfort and supports the efficiency of healthcare staff. calmea meets the key lighting requirements in hospitals and care facilities, including general lighting, reading light, examination, and night lighting.

With high color rendering and adjustable color temperatures, it not only ensures optimal lighting conditions but also creates an inviting, cozy atmosphere with its sleek, minimalist design. The attractive design and versatile lighting settings promote a pleasant environ-ment for patients. Thanks to various mounting options, calmea can be effortlessly integrated into any room concept.

Key Details

Applications:
Project-specific single-bed light for illuminating patient rooms in hospitals.

Mounting Options:
» Direct wall mounting
» Mounting via mounting profile

Accessories:
The integrated accessory groove in the mounting profile offers versatile options for attaching accessories.

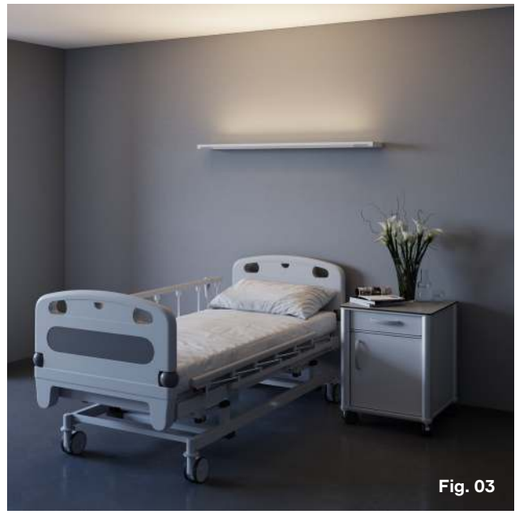
Luminous Flux:
Over 17,000 lumens in total
With 4 different lighting modes

Color Temperatures:
3000K, 4000K
tunableWhite 2700 – 6500K

Fig. 02 | Examination Lighting

For examinations and treatments, an additional examination light can be activated alongside the indirect lighting and reading light.

Lighting scenarios



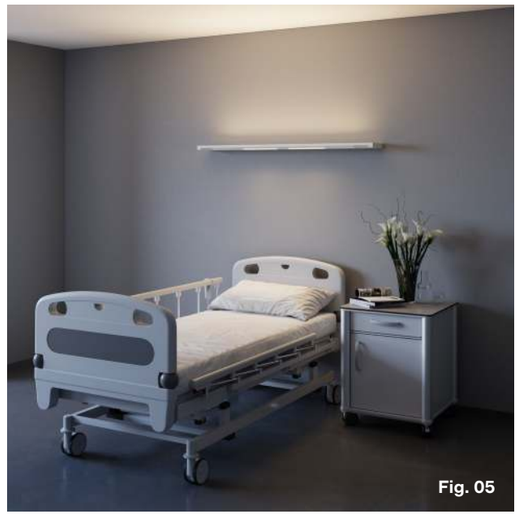
General Lighting

Indirect lighting is used to create a cozy and homely atmosphere.



Reading Light

The glare-free reading light ensures the required level of brightness and high uniformity on the reading surface.



Basic Examination Lighting

Reading light and indirect light serve as examination lighting for simple examinations.



Night Lighting

A separate night light provides the necessary illumination for orientation during the night.



Fig. 07 | Implementation option in connection with a medical supply unit in the patient room.

Mounting Scenarios – Top View

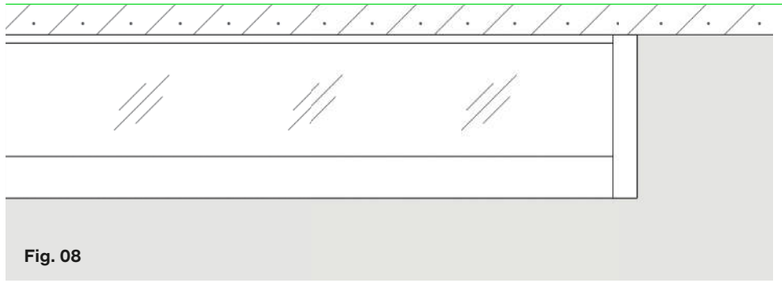


Fig. 08

Direct wall mounting

The simplest way to integrate calmea into the room design.

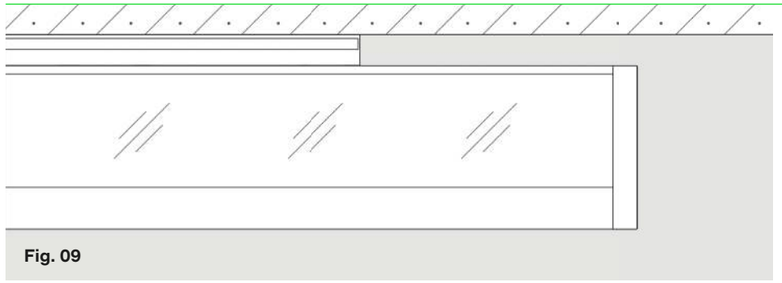


Fig. 09

Wall mounting with a short wall profile

The wall profile enhances the visual lightness of the luminaire. Additionally, it offers an option for accessory installation.

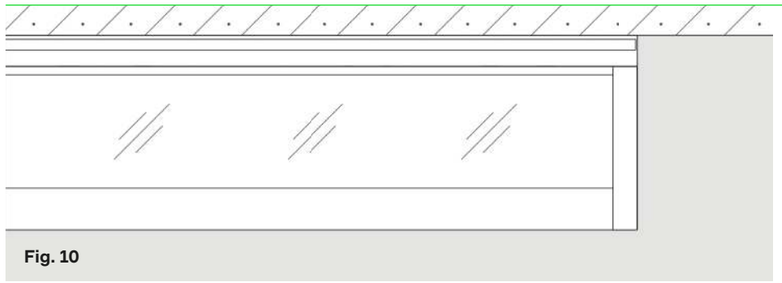


Fig. 10

Wall mounting with a full-length wall profile

The wall profile can be designed to match the length of the luminaire, creating a cohesive visual unit while also providing additional space for accessory mounting.

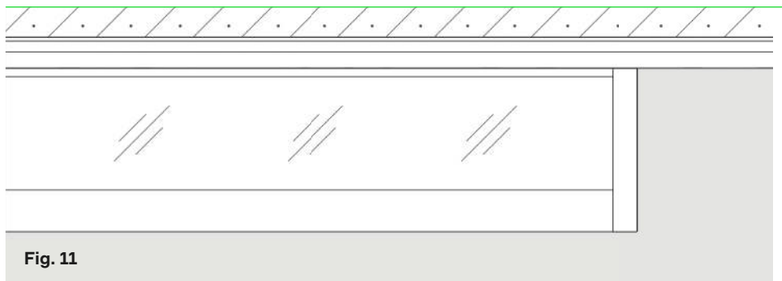


Fig. 11

Wall mounting with a continuous wall profile

The continuous wall profile can be used as a cable channel during a subsequent installation. It also allows for flexible positioning within the room.

Mounting Scenarios – Side View

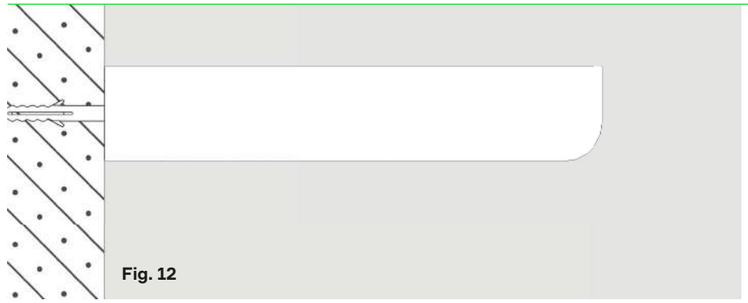


Fig. 12

Direct wall mounting

With suitable wall conditions, calmea can be mounted without the need for an additional wall channel.



Fig. 13

Wall mounting with wall profile

The wall channel provides the option to accommodate various accessory components.



Fig. 14

Wall mounting with double wall profile

To increase the support surface in cases of unfavorable wall conditions, calmea offers a profile extension.

General Information

Housing Colors	White (RAL 9016), Black (RAL 9005), Silver (RAL 9006)
Protection Class	IP20
Control Options	LPD (PushDim Button Dimming), LDO (DALI), HCL (Human-Centric Lighting with integrated stand-alone controller)
Luminaire Dimensions	Height: 37mm; Depth: 195mm Length: 1500mm, 1320mm, 1220mm, 1080mm

Tab. 1

Lighting Technical Details

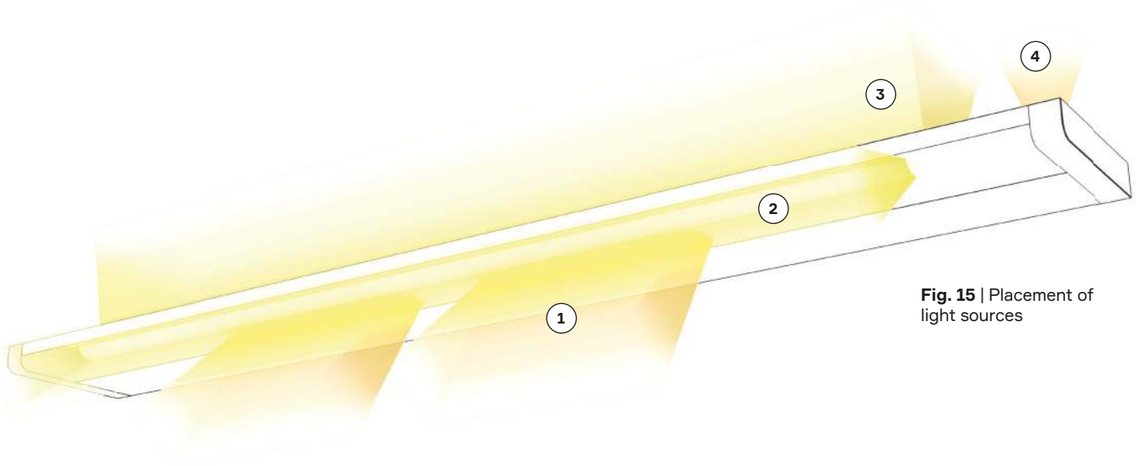


Fig. 15 | Placement of light sources

		Color Temp [k]	Luminous Flux [lm]	Power [W]	CRI	Available Lengths [mm]
1	**Reading Light**	3000	1350	14	CRI >90	1080, 1220, 1320, 1500
		4000	1500	14	CRI >90	
3	**Indirect Light TW (68W)**	2700-6500	bis zu 8000	68	CRI >90	1500
3	**Indirect Light TW (54W)**		bis zu 6400	54	CRI >90	1220
3	**Indirect Light (85W)**	3000	10300	85	CRI >90	1320
		4000	11500	85	CRI >90	
3	**Indirect Light (68W)**	3000	8300	68	CRI >90	1080
		4000	9200	68	CRI >90	
2	**Examination Light**	3000	4000	43	CRI >90	1320, 1500
		4000	4400	43	CRI >90	
4	**Night Light**	3000	200	3,5	CRI >90	1080, 1220, 1320, 1500
		4000	220	3,5	CRI >90	

Technical modifications and errors excepted. Illustrations may differ from the original product. Due to component tolerances, photometric and electrical values may vary.

Tab. 2

Installation Options



Fig. 16 | Installation with continuous wall channel.



Fig. 17 | The wall channel allows for the integration of accessory components across the entire room width.

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