



# SmartBalance Tunable White recessed – supporting a general feeling of health and well-being

## SmartBalance Tunable White, recessed

SmartBalance Tunable White recessed improves patients' sense of well-being during their hospital stay. This dynamic lighting solution enables hospitals to provide patient rooms that are more homely and inviting, where the atmosphere can be changed to suit the time of day or the activity being carried out. At the same time, it helps hospital managers to ensure that medical staff remain alert, especially on round-the-clock shifts.

### Benefits

- Surface of light combining performance and smart design
- Offers patients more choice, and provides high-quality, glare-free work light for staff

### Features

- Two drivers and LED boards offering different colours (3,000 up to 6,500 K)
- Tunable White features with dedicated control system
- Predefined dynamic curves vary colour temperature and intensity as a function of time

### Application

- Hospital recovery rooms
- Medical staff rooms
- Hospital corridors
- Nursing homes
- Mental health facilities

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## Specifications

<b>Type</b>	RC484B (module size 600x600 mm versions)
	RC486B (module size 625x625 mm versions)
<b>Ceiling type</b>	Exposed T-bar ceiling
<b>Ceiling grid</b>	RC484B: module size in length: 600 mm
	RC486B: module size in length: 625 mm
<b>Light source</b>	Non-replaceble LED module
<b>Power</b>	49 W
<b>Beam angle</b>	90°
<b>Luminous flux</b>	4000 to 4200 lm
<b>Correlated Colour</b>	3000-6500 K
<b>Temperature</b>	
<b>Colour Rendering Index</b>	> 80
<b>Lumen maintenance at median useful life* 50,000 h</b>	L80
<b>Control gear failure rate at median useful life 50,000 h</b>	5%

<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	+10 to +40 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	Integrated
<b>Control system input</b>	t.b.d.
<b>Optic</b>	Micro-lens optic, clear (ACC-MLO)
<b>Material</b>	Housing: plastic or zinc-coated steel
	Optic: acrylate
	Exit window: PMMA
<b>Colour</b>	White (WH, comparable to RAL 9003)
<b>Connection</b>	Push-in connector (PI)
<b>Maintenance</b>	Optical module sealed for life; no internal cleaning required
<b>Installation</b>	Individual; lay-in in exposed ceiling grids
	UGR 17

## Versions



SmartBalance Tunable White RC484B  
recessed luminaire (module size 600)

## Product details



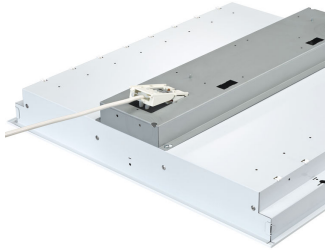
SmartBalance Tunable White,  
recessed RC484B W60L60 DP



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