



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

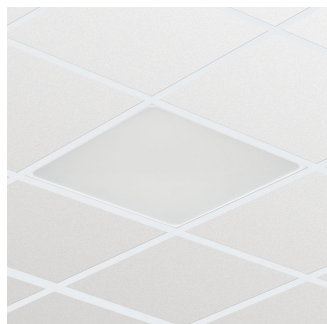
SmartBalance Tunable White, recessed

Specifications

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

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

Versions



SmartBalance Tunable White RC484B
recessed luminaire (module size 600)

Product details



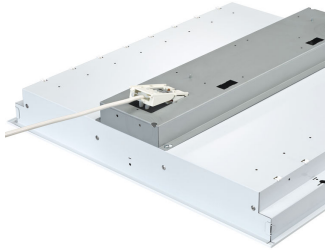
SmartBalance Tunable White,
recessed RC484B W60L60 DP



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