



PowerBalance Tunable White, recessed – Supporting a general feeling of health and well-being

PowerBalance Tunable White, recessed

The right light can have a favourable effect on various physiological processes in the human body. Statistically, 65% of office workers don't feel at their best before 9.00 a.m. By giving them personal control over the lighting in their work space, so they can tailor it to suit the time of day and what they are doing, our PowerBalance Tunable White solution can enhance their comfort, task performance and productivity. Similarly, in schools, PowerBalance Tunable White allows teachers to create the right mood to help pupils to concentrate, relax, etc., depending on the activity at hand, and so perform better overall.

Benefits

- Combines performance with smart design
- Recreates the natural rhythm of daylight
- Gives office workers greater scope to control the lighting to suit the time of day and what they are doing

Features

- Driver with two channels and LED boards offering different colours 2,700 up to 6,400 K and different flux levels.
- Tunable White features with dedicated control system
- Predefined dynamic curves vary colour temperature and intensity as a function of time

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Application

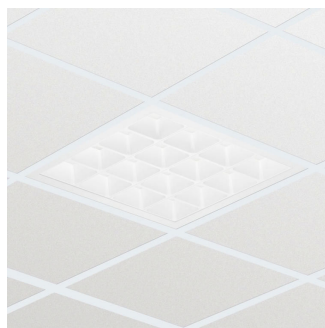
- Mid- and high-end office buildings
- Schools/universities

Specifications

Type	RC464B (module size 600x600 mm versions)
	RC466B (module size 625x625 mm versions)
Ceiling type	Exposed T-bar ceiling
Ceiling grid	RC464B: module size in length: 600 mm
	RC466B: module size in length: 625 mm
Light source	Non-replaceable LED module
Power	28.5 to 69 W
Beam angle	120°
Luminous flux	2900 to 7600 lm
Correlated Colour Temperature	2700-6400 K
Colour Rendering Index	> 80
Lumen maintenance at median useful life*	L90
50,000 h	
Control gear failure rate at median useful life	5%
50,000 h	
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	DALI
Control system input	0-16 V
Material	Housing: coated steel and polycarbonate
	Rim: powder-coated steel
	Optics: polycarbonate
	Reflector: polycarbonate
	Gear tray: steel
Colour	White (WH, comparable to RAL 9003)
Connection	Push-in connector (PI) or with pull relief (PIP)
	Wieland/Adels push-in connector, 3-pole mains (and 2-pole control signal) (W)
Maintenance	Optical module sealed for life; no internal cleaning required
Installation	Lay-in in exposed ceiling grids; no brackets needed
	Through-wiring not possible

Versions



PowerBalance Tunable White
RC464B recessed luminaire,
square version (module size 600)

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Product details



PowerBalance Tunable White,
recessed DP



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PowerBalance Tunable White,
recessed RC464B W60L60 DP

