



# PRODUCT DATASHEET

## Panel Essential 1000x250mm 24W White Remote Control

Essential Panels with Remote Control | Essential Panel Ceilings for easy use

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### Areas of application

- Indoor
- Living areas (living rooms, dining rooms, bedrooms etc.)

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### Product benefits

- Long lifetime thanks to LED technology
- Excellent price/performance ratio
- Comfortable and intuitive remote control
- Dimming via enclosed remote control

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### Product features

- Type of protection: IP20
- Lifetime up to 25,000 h
- Remote-CCT version: color temperature, dimming, timer, memory and night functions via remote control
- LED ceiling luminaires with aluminum frame
- Color temperature adjustable stepless via remote control from 2700 K to 6500 K



## TECHNICAL DATA

### Electrical data

Nominal wattage	24 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	175 mA
Inrush current time $T_{h50}$	620 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C10	18
Max. number of luminaires per miniature circuit breaker C16	29
Power factor $\lambda$	> 0.5
Total harmonic distortion	102 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	2000 lm
Total luminous flux of contained light sources	2500
Luminous efficacy	84 lm/W
Color temperature	2700...6500 K
Reference control setting of contained light source (Kelvin)	4000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	6 sdc <sub>m</sub>
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

### Dimensions & Weight

Length	1000 mm
Width	295.0 mm
Height	60 mm
Product weight	1300.00 g

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PANEL ESSENTIAL1000X250 24W  
RC WT

### Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum Steel
Cover material	Polystyrene (PS)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
With light source	Yes
Replaceable light source	No

### BATTERY

Battery size [GMS]	AAA
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### Emergency lighting

Type of emergency operation test	None
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### Certificates & Standards

Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

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### EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included
  - Remote control and battery included
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### Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	Panel Essential with Remote Control

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854552151	Folding box 1	97 mm x 1,038 mm x 302 mm	1812.00 g	30.41 dm <sup>3</sup>
4099854552168	Shipping box 4	1,050 mm x 405 mm x 327 mm	9146.00 g	139.06 dm <sup>3</sup>
4099854644887	Stretch film (on pallet) 20	1,200 mm x 800 mm x 1,520 mm	74600.00 g	1459.20 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.