



# 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         | 1000.00 mm |
| Width          | 250.00 mm  |
| Height         | 60.00 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) |
| Type of protection                     | IP20                        |
| Protection class IK (shock resistance) | IK03                        |
| Dimmable                               | No                          |
| Mounting type                          | Surface                     |
| With light source                      | Yes                         |
| Replaceable light source               | No                          |

### BATTERY

|                    |     |
|--------------------|-----|
| Battery size [GMS] | AAA |
|--------------------|-----|

### Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### 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

### 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<br>1               | 97 mm x 1,038 mm x 302 mm            | 1812.00 g    | 30.41 dm <sup>3</sup>   |
| 4099854552168 | Shipping box<br>4              | 1,050 mm x 405 mm x 327 mm           | 9146.00 g    | 139.06 dm <sup>3</sup>  |
| 4099854644887 | Stretch film (on pallet)<br>20 | 1,200 mm x 800 mm x 1,520 mm         | 74600.00 g   | 1459.20 dm <sup>3</sup> |
| 4099854693014 | Stretch film (on pallet)<br>20 | 1,200 mm x 800 mm x 1,520 mm         | 39840.00 g   | 1459.21 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.