

LED PANEL

LED ceiling panel



LED PANEL



IP 20



LED PANEL 600



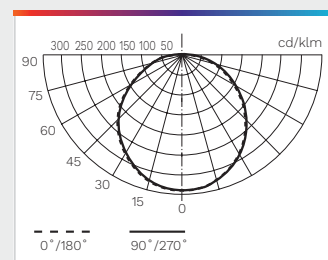
LED PANEL 1200

Key advantages

- Low maintenance and operation costs due to long lifetime of LED
- Very slim aluminium housing and matt white frame
- LCD backlight technology
- Low flicker light thanks to special electronic control gear
- Switchable CCT: 4000K, 5000K & 6500K
- High efficiency and reliability
- Ideal for T-bar ceilings
- Up to 60% energy savings
- Easy mounting thanks to included steel hooks on the back
- Quick wiring connection, no need to open the luminaire
- Long useful lifetime of the LEDs (50 000hrs @ T_a 25°C, L70)
- The luminaire is power factor corrected to $\geq 0,9$
- Available in Emergency version

Light Distribution

LED PANEL



PUBLIC BUILDING



SHOPPING CENTRE



COMMERCIAL BUILDING

Characteristics

GENERAL INFORMATION

| | |
|---------------------------------|-----------|
| Recommended installation height | 2m to 4m |
| Driver included | Yes |
| Testing standard | IEC 60598 |

HOUSING AND FINISH

| | |
|------------------------|-------------------------|
| Housing | Aluminium |
| Diffuser | Acrylic PMMA (opal) |
| Housing finish | White, Matt finish |
| Tightness level | IP 20 |
| Access for maintenance | Easy access to the gear |

DIMENSIONS AND MOUNTING

| | |
|-------------|--|
| AxBxC (mm) | LED PANEL 600 Recessed: 595x595x27 |
| | LED PANEL 600 Surface Mount: 666x666x69 |
| | LED PANEL 1200 Recessed: 595x1195x32 |
| | LED PANEL 1200 Surface Mount: 666x1266x69 |
| Weight (kg) | LED PANEL 600: 1.4 |
| | LED PANEL 1200: 3.1 |

ELECTRICAL INFORMATION

| | |
|------------------|--------------------|
| Electrical class | EU class II |
| Nominal voltage | 220-240V - 50Hz |
| Power factor | > 90% at full load |

OPTICAL INFORMATION

| | |
|------------------------------|-------|
| LED colour temperature | 4000K |
| | 5000K |
| | 6500K |
| Colour rendering index (CRI) | ≥ 80 |

OPERATING CONDITIONS

| | |
|----------------------------------|----------------|
| Operating temperature range (Ta) | -10°C to +50°C |
|----------------------------------|----------------|

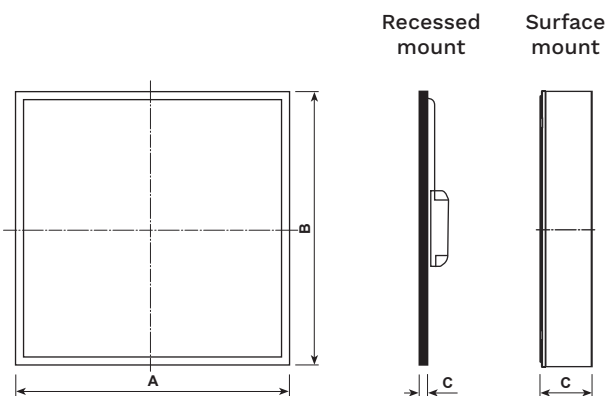
LIFETIME OF THE LEDS @ TQ 25°C

| | |
|------------------|---------------|
| For all versions | 50,000h - L70 |
|------------------|---------------|

LIFETIME OF THE DRIVER @ TQ 25°C

| | |
|------------------|---------------------------|
| For all versions | 50,000h ≤10% failure rate |
|------------------|---------------------------|

For options and accessories, please turn to page 4.



Performance



| | | Power consumption (W) | | Luminaire output flux (lm) ^(*) | Luminaire efficacy (lm/W) |
|---------------------------------------|-------|-----------------------|---------|---|---------------------------|
| Luminaire | | Input Current (A) | Typical | Typical | Typical |
| LED PANEL 600 | ECO | 0.17 | 36 | 3240 | 90 |
| | VALUE | 0.155 | 33 | 4000 | 120 |
| LED PANEL 600 (Emergency version) | ECO | 0.17 | 36 | 3240 / 225 (EM) | 90 |
| | VALUE | 0.155 | 33 | 4000 / 225 (EM) | 120 |
| LED PANEL 1200 | ECO | 0.305 | 65 | 5850 | 90 |
| | VALUE | 0.3 | 49 | 5850 | 120 |
| LED PANEL 1200 (Emergency version) | ECO | 0.305 | 65 | 5850 / 225 (EM) | 90 |
| | VALUE | 0.3 | 49 | 5850 / 225 (EM) | 120 |

Tolerance on LED flux is ± 7% and on total luminaire power ± 5%

^(*) The real flux output of the luminaire depends on environmental conditions (e.g. temperature and pollution) and the optical efficiency of luminaire. The type of LED used is subject to change due to the ongoing rapid progress taking place in LED technology.

Ordering Information

Example:

LED PANEL 1200 65SRE E1 DALI

| ID | Watt | LED Colour | Mounting | Other Options | Accessories |
|----------------|----------|---|-----------------------|---|---|
| LED PANEL 600 | 33 36 | S Switchable (4000K / 5000K / 6500K) | RE Recessed | 3M^(*) 6A plug-top complete with 3m cable E1 Emergency version 1 hour DALI DALI dimming | Surface mount version Surface mount kit |
| | | | | | |
| LED PANEL 1200 | 49 65 | | | | |

^(*) Not available for Emergency and Dimming versions

BEKA Schröder

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SABS
ISO 9001



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