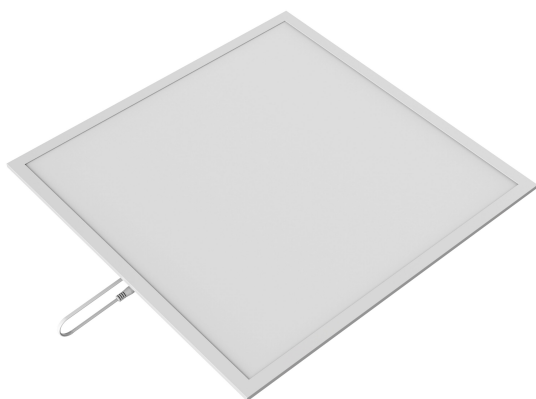


# PRODUCT DATASHEET

## LED PERFORMANCE PANEL PL0606B 24W 830 WV

LED PERFORMANCE PANEL BACKLIT G2 | Panel luminaires



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### Areas of application

- Offices
- Hospitals
- Retail and small shops
- Public areas

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### Product benefits

- Low maintenance costs thanks to a lifetime of up to 50,000 h
- Seamless aluminum frame design
- IP40 protection from diffuser side suitable for different installations
- IP54 protection from diffuser side suitable for different installations (0606 models)

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### Product features

- Latest backlit LED technology platform
- Standard CCT: 4000K, 6500K & 3000K
- Power factor: > 0.9
- Flicker free driver
- Safety compliance certificates: CB, RoHS 2.0
- 100-277 V wide voltage operation models available

TECHNICAL DATA

Electrical data

|                                                             |             |
|-------------------------------------------------------------|-------------|
| Nominal wattage                                             | 24.00 W     |
| Nominal voltage                                             | 100...277 V |
| Mains frequency                                             | 50...60 Hz  |
| Nominal current                                             | 270.000 mA  |
| Max. number of luminaires per miniature circuit breaker B16 | 13          |
| Max. number of luminaires per miniature circuit breaker C10 | 14          |
| Max. number of luminaires per miniature circuit breaker C16 | 22          |
| Power factor $\lambda$                                      | > 0.90      |
| Total harmonic distortion                                   | $\leq$ 15 % |
| Protection class                                            | II          |

Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 3600 lm    |
| Luminous efficacy                            | 150 lm/W   |
| Color temperature                            | 3000 K     |
| Light color (designation)                    | Warm White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | < 5 sdcm   |
| Flickering metric (Pst LM)                   | < 1        |
| Stroboscope effect metric (SVM)              | < 0.4      |
| Photobiological safety group acc. to EN62778 | RG0        |
| UGR                                          | < 22       |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 595.00 mm |
| Width          | 595.00 mm |
| Height         | 32.00 mm  |
| Product weight | 1430.00 g |



LDPFM PL0606B 24W WW

Materials & Colors

|                                            |        |
|--------------------------------------------|--------|
| Product color                              | White  |
| Housing color                              | White  |
| Body material                              | Steel  |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content                            | 0.0 mg |

Application & Mounting

|                                        |                         |
|----------------------------------------|-------------------------|
| Type of connection                     | Terminal, 2-Pole (L, N) |
| Type of protection                     | IP54/IP20               |
| Protection class IK (shock resistance) | IK02                    |
| Dimmable                               | No                      |
| Mounting type                          | Recessed                |
| Mounting location                      | Ceiling                 |
| Application environment                | Indoor                  |
| Mounting width                         | 595.00 mm               |
| Mounting depth                         | 32 mm                   |
| Replaceable light source               | No                      |

Lifespan

|                           |                       |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h <sup>1)</sup> |
|---------------------------|-----------------------|

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

|                                                      |                            |
|------------------------------------------------------|----------------------------|
| Standards                                            | CB / ROHS 2.0 / EMC / SASO |
| Luminaire with limited surface temperature, "D sign" | Yes                        |

DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name        |
|------------------------------------------------------------------------------------|----------------------------------------|----------------------|
|  | User instruction / safety instructions | LDPFM PL0260B 24W WV |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume     |
|---------------|------------------------------|--------------------------------------|--------------|------------|
| 4099854290589 | Folding box<br>1             | 641 mm x 38 mm x 603 mm              | 1726.00 g    | 14.69 dm³  |
| 4099854290596 | Shipping box<br>6            | 700 mm x 292 mm x 670 mm             | 11717.00 g   | 136.95 dm³ |

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.

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## DISCLAIMER

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