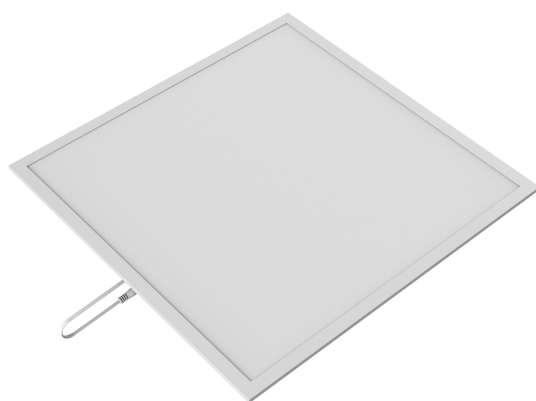


PRODUCT DATASHEET

LED PERFORMANCE PANEL PL0606B 24W 830 WV

LED PERFORMANCE PANEL BACKLIT G2 | Panel luminaires



Areas of application

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

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)

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 λ	> 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 ¹⁾
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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
Replaceable light source (EPREL)	Not replaceable

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 1	641 mm x 38 mm x 603 mm	1726.00 g	14.69 dm ³
4099854290596	Shipping box 6	700 mm x 292 mm x 670 mm	11717.00 g	136.95 dm ³

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.