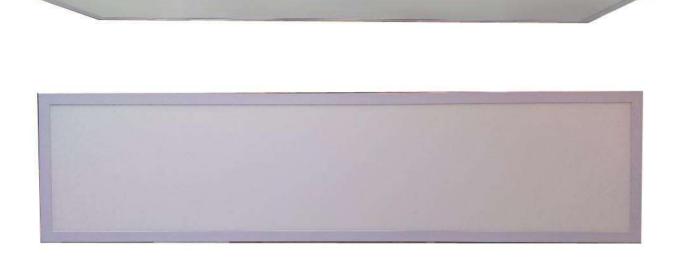# PRODUCT DATASHEET
PANEL LED 300 x 1200 50 W
ML PNL120 SERIES

PRODUCT BENEFITS

- Low maintenance and operation costs due to long lifetime of LED
- Very slim aluminum housing (only 10.5 mm) and matt white frame
- Edge-lit with LCD backlight technology
- High efficiency and reliability

PRODUCT FEATURES

- Available in sizes: 300 x 600 mm, 600 x 600 mm, 300 x 1200 mm and 600 x 1200 mm
- High system efficiency: up to 100 lm/W
- Available with color temperature: 4,000 K, 6,500 K
- Color rendering index R_a: ≥ 80
- Power factor: > 0.9
- Long lifetime: up to 30,000 h
- CCC marked, CB test certificate

CE

TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	230.00 V
Power factor λ	0.95
Mains frequency	50/60 Hz

Photometrical data

Color temperature	4000 K
Luminous flux	5000 lm
Luminous efficacy	105 lm/W
Standard deviation of color matching	≤6 sdcm
Light color (designation)	Daylight
Color rendering index Ra	80

Light technical data

Beam angle	120 °

Dimensions & weight

Length	1200 mm
Width	300.0 mm
Height	40.5 mm
Product weight	3050.00 g

Colors & materials

Body material	Aluminum
Housing color	White
Product color	White

Temperatures & operating conditions

Ambient temperature range	-10...40 °C

Lifespan

Lifespan L70 at 25 °C	30000 h
Number of switching cycles	10000

Additional product data

Mounting type	Recessed
Mounting location	Ceiling

Capabilities

Dimmable	No
Type of connection	Cable/Connector
LED module replaceable	Not replaceable

Certificates & standards

Photobiological safety group	RG 0
Luminous efficacy of lamp in luminaire	105 lm/W
Protection class	II
Type of protection	IP20

EQUIPMENT / ACCESSORIES

– For recessed mounting (surface or pendant mouting requires mounting accessories)

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
ML PNL120	PANEL LED 300 x 1200 50 W 4000 K	Shipping carton box 3	1310 mm x 155 mm x 370 mm	75.13 dm³	11385.00 g

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.