PRODUCT DATASHEET
PANEL 1200 40 W 3000 K WT

PANEL PERFORMANCE 1200 | Rectangular recessed panel luminaires, 300 x 1200 mm

Areas of application

– Direct replacement for luminaires with fluorescent lamps
– Corridors
– Offices
– Conference rooms
– Reception areas
– Foyers
– Elevators
– Suitable for recessed ceiling systems with grid size of 300 x 1200 mm

PERFOR-MANCE CLASS

Product benefits

– Energy savings of up to 50 % (compared to luminaires that use fluorescent lamps)
– External driver for extended flexibility
– Light guide plate with micro structure made of non-yellowing material for long lifetime
– Easy and quick installation
– Low flicker light thanks to special electronic control gear
– 5 years guarantee

Product features

– High luminous efficacy: up to 100 lm/W
– Lifetime (L80/B10): up to 40,000 h (at 25 °C)
– Aluminum housing, polystyrene diffuser

TECHNICAL DATA

Electrical data

Nominal wattage	40.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	1200.000 mA
Max. number of luminaires per miniature circuit breaker B16	24
Max. number of luminaires per miniature circuit breaker C10	21
Max. number of luminaires per miniature circuit breaker C16	34
Power factor λ	> 0.95
Total harmonic distortion	≤ 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

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Luminous flux	4000 lm
Luminous efficacy	100 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Panel LED 1200 40W 3000K 230V
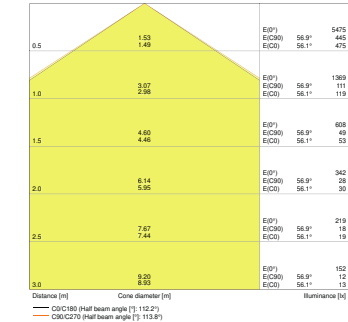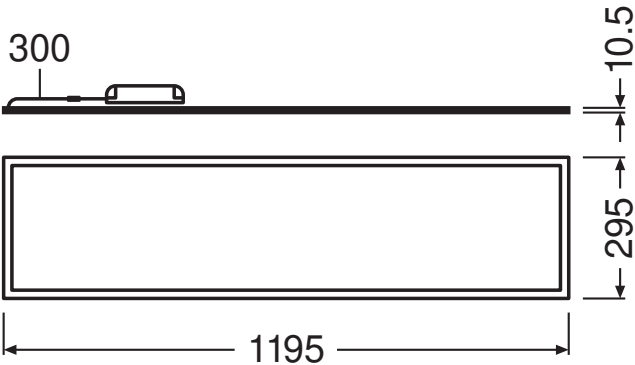

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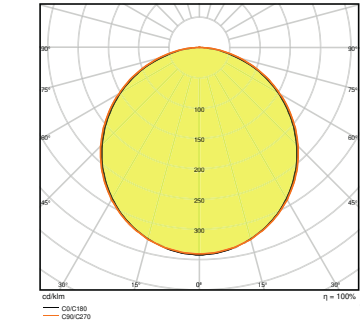
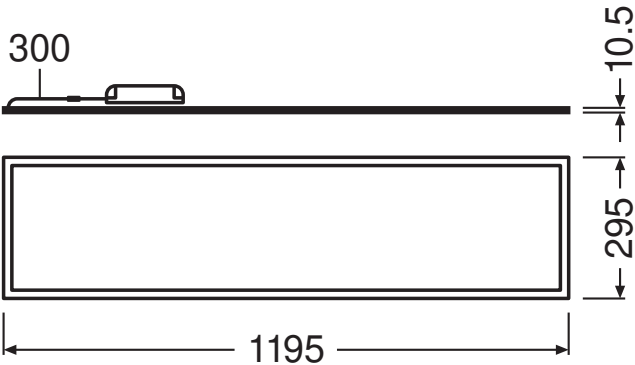4058075807327 Panel LED 1200 40W 3000K 230V
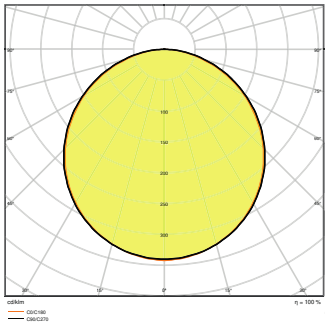
Panel LED 1200 40W 3000K 230V

Dimensions & Weight

Length	1195.00 mm
Width	295.00 mm
Height	10.50 mm
Product weight	3000.00 g

LEDVANCE Panel LED 1200 mn

Panel LED 1200 mn k

Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polystyrene (PS)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10…+45 °C
Type of connection	Terminal, 2-Pole (L, N)
Type of protection	IP20
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting length	1175 mm
Mounting width	275 mm
Mounting depth	50,0 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	60000 h [1]
Lifespan L80/B10 at 25 °C	40000 h [1]
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	25000

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

Control gear

Recommended control gear	OTI DALI 50/220…240/1A4LT2FAN (EAN: 4052899919433)

Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Accessories Optional

Product image	Product name	EAN
	PANEL 1200 X 300 SURFACE MOUNT KIT VAL	4058075472952

Product image	Product name	EAN
	CONNECTOR BOX 5POLE L/N/PE/D+/D- 4x	4058075473034
	EM CONVERSION BOX	4058075237025
	PANEL 1200 Surface Mount Kit	4058075813854
	PANEL 1200 Surface Mount Kit	4058075108820
	PANEL 1200 Security Bracket	4058075108882
	CONNECTOR BOX 5POLE L/N 4x	4058075473010
	PANEL 1200x300 RECESSED MOUNT FRAME	4058075472976
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859

EQUIPMENT / ACCESSORIES

– Accessories for several mounting options available
– External control gear included
– Not suitable for use with Emergency Conversion Box

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Extended installation guide	User Instruction Panel LED
PDF	On-Pack-Info	Legal Insert Panel
PDF	Declarations of conformity	CE Panel 1200 625

	Photometric and lighting design files	Document name
IES	IES file (IES)	Panel LED 1200 40W 3000K 230V
LDT	LDT file (Eulumdat)	Panel LED 1200 40W 3000K 230V
	UGR file (UGR table)	Panel LED 1200 40W 3000K 230V
	Light distribution curve type cone	Panel LED 1200 40W 3000K 230V
	Light distribution curve type cone	4058075807327 Panel LED 1200 40W 3000K 230V
	Light distribution curve type polar	4058075807327 Panel LED 1200 40W 3000K 230V
	Light distribution curve type polar	Panel LED 1200 40W 3000K 230V

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075321809	Folding box 1	330 mm x 1,285 mm x 43 mm	3718.00 g	18.23 dm^3
4058075321816	Shipping box 4	1,295 mm x 180 mm x 355 mm	15771.00 g	82.75 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.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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