PRODUCT DATASHEET
PANEL VALUE 1200x600 TPB 65 W 4000 K WT

PANEL VALUE 1200x600 TPB | Rectangular recessed panel luminaires with TP(B) rated diffuser, 1200 x 600 mm

VALUE CLASS

Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, conference rooms
- Reception areas, foyers, corridors, elevators
- Suitable for recessed ceiling systems with grid size of 1200 x 600 mm

Product benefits

- Value for money luminaire
- 3 years guarantee
- Low flicker light thanks to special electronic control gear
- External driver for extended flexibility and easy installation
- Emergency lighting possible with LEDVANCE Emergency Conversion Box

Product features

- Lifetime (L70/B50): 50,000 h (at 25 °C)
- Extruded aluminum frame
- Polystyrene diffuser (TP(B) rated)

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TECHNICAL DATA

Electrical data

Nominal wattage	65.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	300.000 mA
Inrush current	13,2 A
Inrush current time T_{h50}	300 µs
Max. number of luminaires per miniature circuit breaker B16	14
Max. number of luminaires per miniature circuit breaker C10	14
Max. number of luminaires per miniature circuit breaker C16	22
Power factor λ	≥0.95
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	5850 lm
Luminous efficacy	90 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdcm
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

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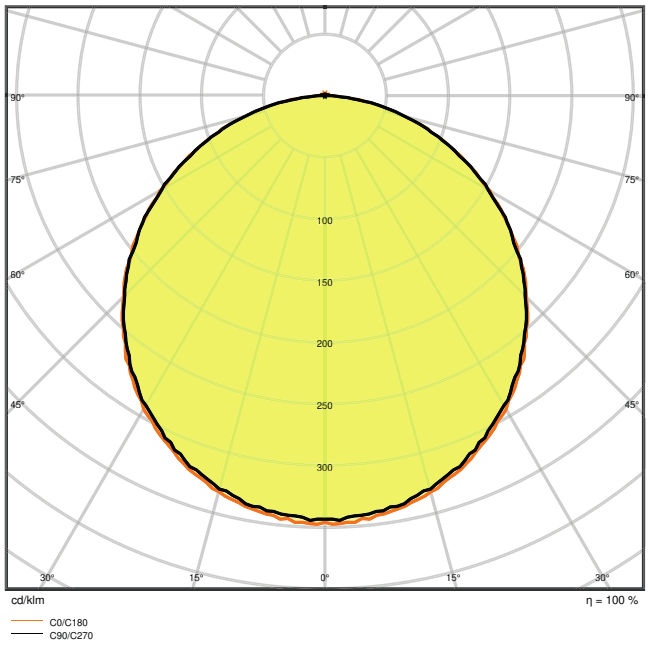
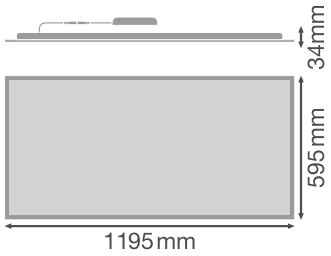
PL VAL 1200X600 65W4000K TPB



PL VAL 1200X600 65W4000K TPB

Dimensions & Weight

Length	1195.00 mm
Width	595.00 mm
Height	34.00 mm
Product weight	3600.00 g



PL VAL 1200X600 65W

Materials & Colors

Product color	White
Housing color	White

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Body material	Steel
Cover material	Polystyrene (PS)
Light emitting surface material	Polystyrene
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	Screwless terminal
Type of protection	IP40
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting length	1180 mm
Mounting width	580 mm
Mounting depth	50,0 mm

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	50000 h [1)]
Lifespan L80/B50 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	50000 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

ECG - Output ripple current	≤ 5 %

Certificates & Standards

Standards	CE / CB
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Accessories Optional

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Product image	Product name	EAN
	PANEL Suspension Kit	4058075402928
	PANEL 1200 X 600 SURFACE MOUNT KIT VAL	4058075389823
	EM CONVERSION BOX	4058075237025
	PANEL SECURITY KIT 4x	4058075472990
	PANEL RECESSED MOUNT CLIPS VAL 4x	4058075409859
	CONNECTOR BOX 5POLE L/N 4x	4058075473010

EQUIPMENT / ACCESSORIES

- Accessories for several mounting options available
- External control gear included

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	PANEL
PDF	Legal information	LSI PL PFM AND VAL
PDF	Legal information	Legal Insert

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	Documents and certificates	Document name
PDF	Declarations of conformity UKCA	PL VAL 1200X600 65W/4000K TPB

	Photometric and lighting design files	Document name
IES	IES file (IES)	PL VAL 1200X600 65W4000K TPB
LDT	LDT file (Eulumdat)	PL VAL 1200X600 65W4000K TPB
ULD	ULD file (DIALux)	PL VAL 1200X600 65W-4000K
ROLF	ROLF file (RELUX)	PL VAL 1200
	UGR file (UGR table)	PL VAL 1200X600 65W4000K TPB
	Light distribution curve type cone	PL VAL 1200X600 65W4000K TPB
	Light distribution curve type polar	PL VAL 1200X600 65W4000K TPB

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075384361	Folding box 1	602 mm x 40 mm x 1,248 mm	4303.00 g	30.05 dm^3
4058075384378	Shipping box 3	1,267 mm x 142 mm x 634 mm	16980.00 g	114.07 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.

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