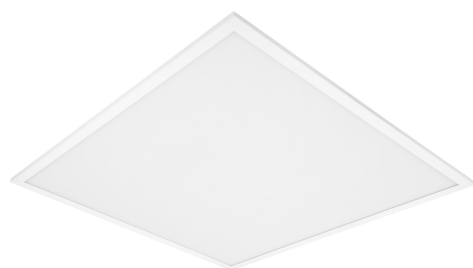


PRODUCT DATASHEET

PANEL VAL 600 40 W 4000 K WT

PANEL VALUE 600 | Square recessed panel luminaires, 600 x 600 mm



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 600 x 600 mm

Product benefits

- Value for money luminaire
- Low flicker light thanks to special electronic control gear
- Energy savings thanks to system efficacy of up to 100 lm/W
- External driver for extended flexibility and easy installation
- Versions with DALI ECG available

Product features

- Lifetime (L70/B50) up to 50,000 h (at 25 °C)
- Extruded aluminum frame
- Polystyrene diffuser



TECHNICAL DATA

Electrical data

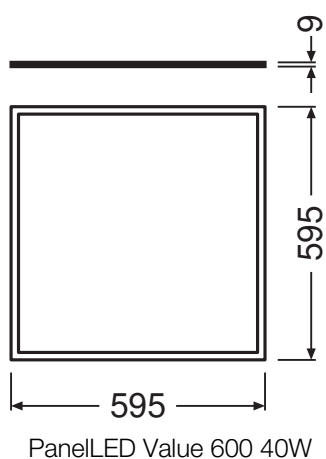
Nominal wattage	40.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	290 mA
Inrush current	26 A
Inrush current time T_{h50}	90 μ s
Max. number of luminaires per miniature circuit breaker B16	22
Max. number of luminaires per miniature circuit breaker C10	19
Max. number of luminaires per miniature circuit breaker C16	30
Power factor λ	> 0.90
Total harmonic distortion	$\leq$ 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	3600 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
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °



Length	595.00 mm
Width	595.00 mm
Height	9.00 mm
Product weight	1990.00 g



Materials & Colors

Product color	White
Housing color	White
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
Temperature range at storage	-25...+60 °C
Type of connection	Screw terminal, 2-Pole (L,N)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed/Suspended/Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting length	575 mm
Mounting width	575 mm
Mounting depth	50,0 mm
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 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	30000 h
Number of switching cycles	30000

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 voltage	30...42 V
Output current	1000 mA
ECG - Output ripple current	< 5 %

Certificates & Standards

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

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction Panel LED Value
	On-Pack-Info	Legal Insert Panel
	Declarations of conformity	EU Declaration of Conformity Panel LED Value LEDV
	Declarations of conformity	Attestation of Conformity Panel LED Value 600
	Certificates	Test Report L17303 Panel Value 40W

Photometric and lighting design files		Document name
	IES file (IES)	PanelLED Value 600 40W 4000K
	LDT file (Eulumdat)	PanelLED Value 600 40W 4000K
	ULD file (DIALux)	PANELVALUE60040W4000KWT
	UGR file (UGR table)	4058075066601 PanelLED Value 600 40W 4000K
	Light distribution curve type cone	4058075066601 PanelLED Value 600 40W 4000K
	Light distribution curve type polar	4058075066601 PanelLED Value 600 40W 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075066601	Folding box 1	50 mm x 665 mm x 640 mm	2845.00 g	21.28 dm ³
4058075066618	Shipping box 4	657 mm x 211 mm x 688 mm	12420.00 g	95.38 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.