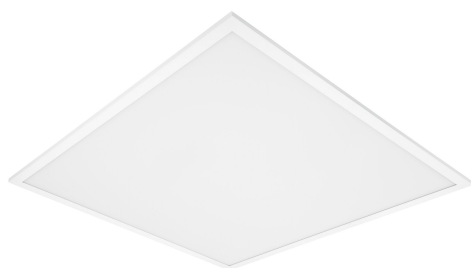


PRODUCT DATASHEET

PANEL VAL 600 UGR < 19 40 W 4000 K WT

PANEL VALUE 600 UGR < 19 | Square recessed panel luminaires with low glare, 600x600 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
- Good glare reduction (UGR < 19)
- 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



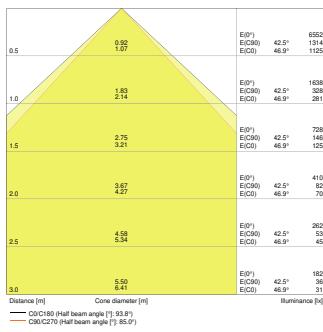
TECHNICAL DATA

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

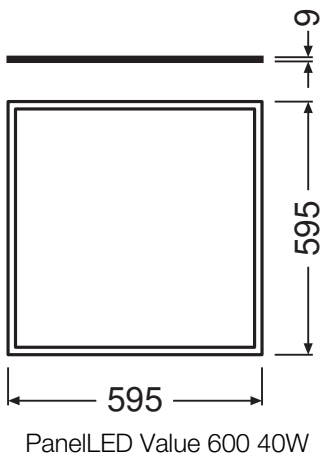
| | |
|--|----------------------|
| Luminous flux | 3600 lm |
| Luminous efficacy | 90 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | < 5 sdc _m |
| Low flicker | Yes |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 90 ° |
| UGR | < 19 |



4058075066663 PanelLED Value
600 40W 4000k UGR19

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 595.00 mm |
| Width | 595.00 mm |
| Height | 9.00 mm |
| Product weight | 2110.00 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 |

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

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

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 | Attestation of Conformity Panel LED Value 600 |
|  | Declarations of conformity | EU Declaration of Conformity Panel LED Value LEDV |
|  | Certificates | Test Report L17303 Panel Value 40W |
| Photometric and lighting design files | | Document name |
|  | IES file (IES) | PanelLED Value 600 40W 4000k UGR19 |
|  | LDT file (Eulumdat) | PanelLED Value 600 40W 4000k UGR19 |
|  | ULD file (DIALux) | PANELVALUE600UGR1940W4000KWT |
|  | UGR file (UGR table) | 4058075066663 PanelLED Value 600 40W 4000k UGR19 |
|  | Light distribution curve type cone | 4058075066663 PanelLED Value 600 40W 4000k UGR19 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075066663 | Folding box 1 | 50 mm x 665 mm x 640 mm | 2965.00 g | 21.28 dm ³ |
| 4058075066670 | Shipping box 4 | 657 mm x 211 mm x 688 mm | 12900.00 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.