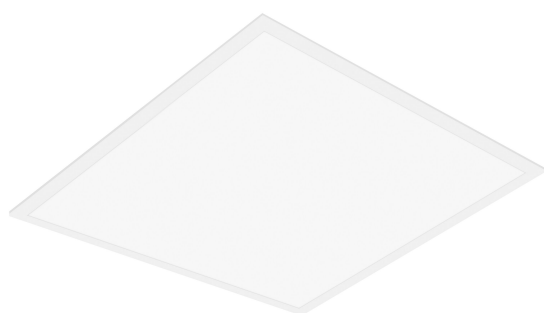


PRODUCT DATASHEET

PL COMP 600 V 35W 940 U19

PANEL COMPACT 600 UGR<19 CRI90 | Square recessed panel luminaire with low glare and CRI90, for 600 x 600 mm ceiling systems



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

- High color rendering index (Ra>90) with up to 104 lm/W
- Good glare reduction (UGR < 19)
- Low flicker light thanks to special electronic control gear
- External driver with an optional 3-pole through-wiring feature
- Versions with DALI ECG available
- 5 years guarantee

Product features

- Extruded aluminum frame
- Polystyrene diffuser
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)



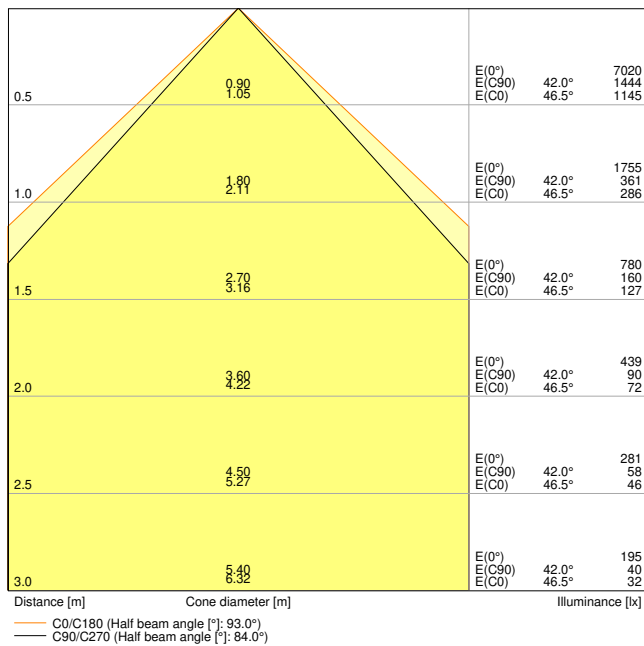
TECHNICAL DATA

Electrical data

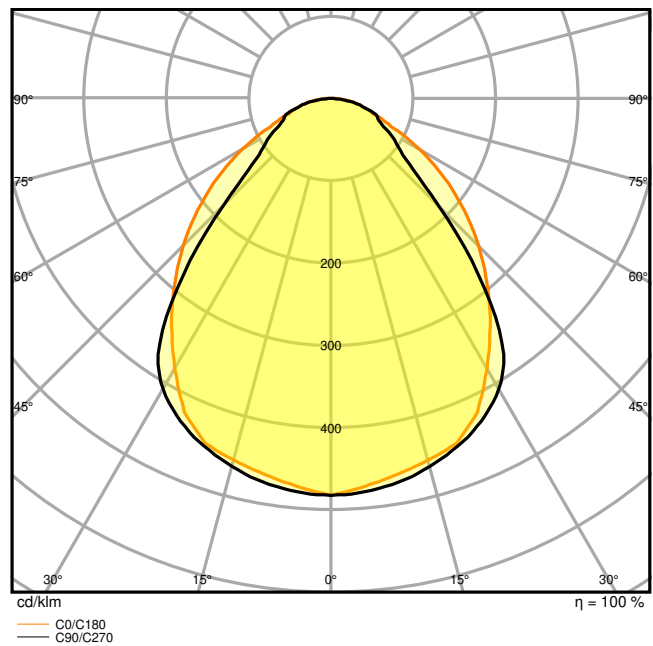
| | |
|---|---------------------|
| Nominal wattage | 35.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 150.000 mA |
| Inrush current | 11.2 A |
| Inrush current time T_{h50} | 50 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 67 |
| Max. number of luminaires per miniature circuit breaker C10 | 53 |
| Max. number of luminaires per miniature circuit breaker C16 | 85 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 10 % |
| Protection class | II |
| Operating mode | External LED driver |

Photometrical data

| | |
|--|---------------------------|
| Luminous flux | 3640 lm |
| Luminous efficacy | 104 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 90 |
| Standard deviation of color matching | \leq 5 sdc _m |
| Low flicker | Yes |
| Flickering metric (Pst LM) | <1 |
| Stroboscope effect metric (SVM) | < 0.4 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 90 ° |
| UGR | < 19 |



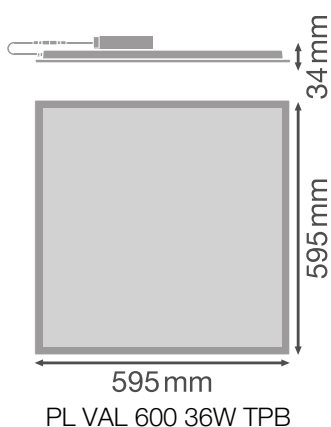
PL COMP 600 V 35W 940 U19 EM CONVERSION BOX



PL COMP 600 V 35W 940 U19 EM CONVERSION BOX

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 595.00 mm |
| Width | 595.00 mm |
| Height | 32.00 mm |
| Product weight | 1790.00 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 | -20...+70 °C |
| Type of connection | Screwless terminal, 2-Pole (L, N) |
| Type of protection | IP40/IP20 |
| Protection class IK (shock resistance) | IK02 |
| Dimmable | No |
| Mounting type | Recessed/Suspended/Surface |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting length | 575 mm |
| Mounting width | 575 mm |
| Mounting depth | 50,0 mm |
| Adjustable | No |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 70000 h ¹⁾ |
| Lifespan L80/B10 at 25 °C | 50000 h ¹⁾ |
| Lifespan L90/B10 at 25 °C | 40000 h |
| Number of switching cycles | 50000 |

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

Control gear








| | |
|-----------------------------|----------|
| Output current | 700 mA |
| ECG - Output ripple current | < 7 % |
| ECG - Length | 116.7 mm |



| | |
|--------------------------|--------------------------------|
| ECG - Width | 49.9 mm |
| ECG - Height | 27 mm |
| Recommended control gear | LEDV DR DALI-P-44/220-240/1050 |

Certificates & Standards

| | |
|--|----------------------------------|
| Standards | CE / CB / TÜV / UKCA / EAC / EPD |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| EPD | LEDV-00008-V01.01-EN |

Accessories Optional






| Product image | Product name | EAN |
|---|-------------------------------------|---------------|
|  | DR DALI - P -44/220-240/1050 | 4058075779723 |
|  | DR AY ZB+DALI CLAMP DUO | 4058075483125 |
|  | EM CONVERSION BOX | 4058075237025 |
|  | PANEL 600 SURFACE MOUNT KIT H75 | 4058075472914 |
|  | PANEL 600 SURFACE MOUNT KIT H70 VAL | 4058075402843 |
|  | PANEL RECESSED MOUNT CLIPS VAL 4x | 4058075409859 |
|  | PANEL 600 RECESSED MOUNT FRAME | 4058075402881 |




| Product image | Product name | EAN |
|---|----------------------------|---------------|
|  | PANEL Suspension Kit | 4058075402928 |
|  | CONNECTOR BOX 5POLE L/N 4x | 4058075473010 |





EQUIPMENT / ACCESSORIES



- Accessories for several mounting options available
- Security rope for luminaire included
- Security brackets preinstalled
- External control gear included
- Suitable for use with separate Emergency Conversion Box
- Connector box with 5-pole terminal for through-wiring separately available for cable cross sections up to 2.5 mm²


DOWNLOAD DATA

| Documents and certificates | Document name |
|---|--|
|  User Instruction | UI PANEL COMPACT 2CCT |
|  Addon Technical Information | LISO Insert PL COMP 600 V |
|  Legal information | EM Insert PL COMP |
|  Declarations of conformity | CE Declaration of Conformity PL COMP V |
|  Declarations Of Conformity UKCA | UKCA Declaration of Conformity PL COMP V |

| Photometric and lighting design files | Document name |
|---|---|
|  IES file (IES) | PL COMP 600 V 35W 940 U19 EM CONVERSION BOX |
|  LDT file (Eulumdat) | PL COMP 600 V 35W 940 U19 |
|  ULD file (DIALux) | PL COMP 600 V 35W 940 U19 |

| Photometric and lighting design files | | Document name |
|--|----------------------|---|
|  | ROLF file (RELUX) | PL COMP 600 V 35W 940 U19 |
|  | UGR file (UGR table) | PL COMP 600 V 35W 940 U19 EM CONVERSION BOX |
|  | LDC typ cone | PL COMP 600 V 35W 940 U19 EM CONVERSION BOX |
|  | LDC typ polar | PL COMP 600 V 35W 940 U19 EM CONVERSION BOX |

| CAD/BIM files | | Document name |
|--|--------------|---------------|
|  | BIM_Revit_3D | Panel Compact |
|  | CAD_STEP_3D | PL COMP 600 |

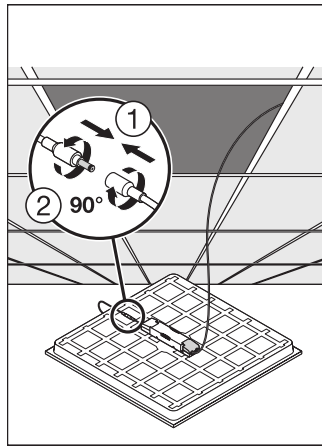
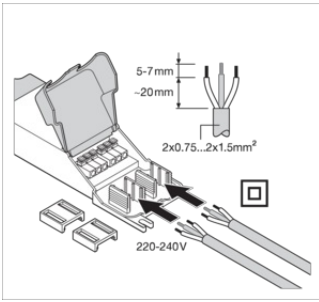
| Tender texts | | Document name |
|--|------------------|--|
|  | Tender documents | PANEL COMPACT 600 UGR19 CRI90 35W 940 U19-EN |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854017360 | Folding box 1 | 602 mm x 37 mm x 662 mm | 2220.00 g | 14.75 dm ³ |
| 4099854017377 | Shipping box 4 | 677 mm x 164 mm x 628 mm | 9790.00 g | 69.73 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.

ADDITIONAL CATALOG INFORMATION



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.