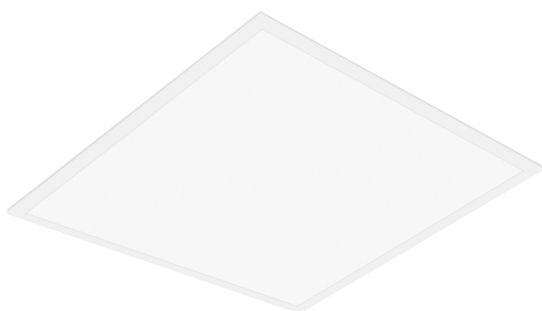


# PRODUCT DATASHEET

## PL COMP 625 V 35W 830 840 U19 PS

PANEL COMPACT 625 UGR-19 2CCT | Square recessed panel luminaires with CCT, power select feature and low glare, for 625 x 625 mm ceiling systems



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### 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 625 x 625 mm

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### Product benefits

- Highly versatile due to selectable CCT and power steps (Power Select - PS)
- Good glare reduction (UGR < 19)
- Low flicker light thanks to special electronic control gear
- Energy savings thanks to system efficacy of up to 110 lm/W
- External driver for extended flexibility and easy installation
- Versions with DALI ECG available
- 5 years guarantee

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### Product features

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

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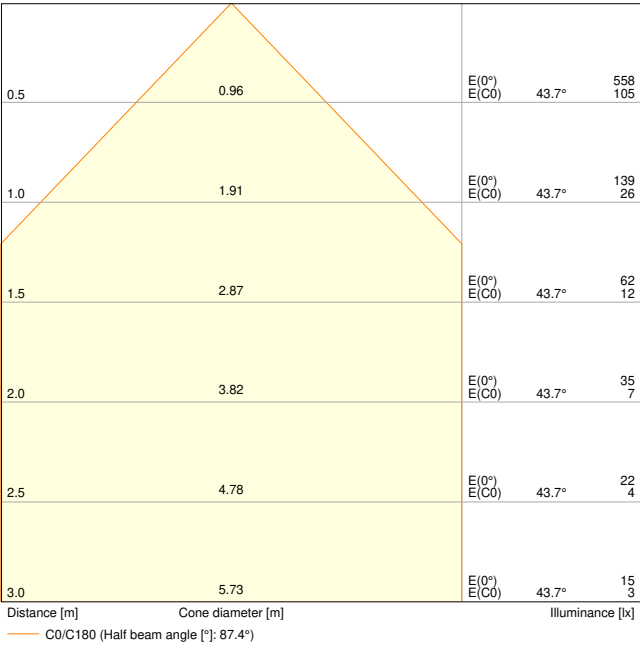
## TECHNICAL DATA

### Electrical data

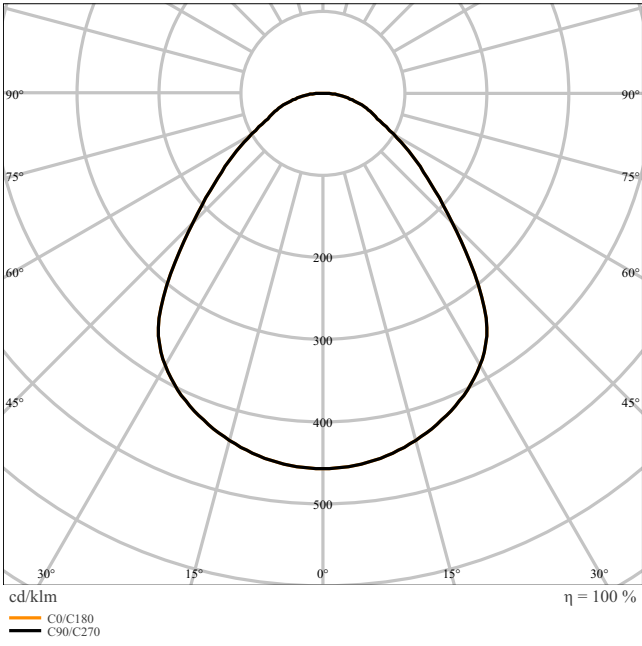
|                                                             |                     |
|-------------------------------------------------------------|---------------------|
| Nominal wattage                                             | 35.0 W / 30 W       |
| Nominal voltage                                             | 220...240 V         |
| Mains frequency                                             | 50...60 Hz          |
| Nominal current                                             | 170.000 mA          |
| Inrush current                                              | 12.3 A              |
| Inrush current time $T_{h50}$                               | 52 $\mu$ s          |
| Max. number of luminaires per miniature circuit breaker B16 | 61                  |
| Max. number of luminaires per miniature circuit breaker C10 | 48                  |
| Max. number of luminaires per miniature circuit breaker C16 | 78                  |
| Power factor $\lambda$                                      | > 0.90              |
| Total harmonic distortion                                   | < 10 %              |
| Protection class                                            | II                  |
| Operating mode                                              | External LED driver |

### Photometrical data

|                                              |                         |
|----------------------------------------------|-------------------------|
| Luminous flux                                | 3300 lm / 3850 lm       |
| Luminous efficacy                            | 110 lm/W                |
| Color temperature                            | 3000 K / 4000 K         |
| Light color (designation)                    | Warm White / Cool white |
| Color rendering index Ra                     | > 80                    |
| Standard deviation of color matching         | 5 sdcn                  |
| 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                    |



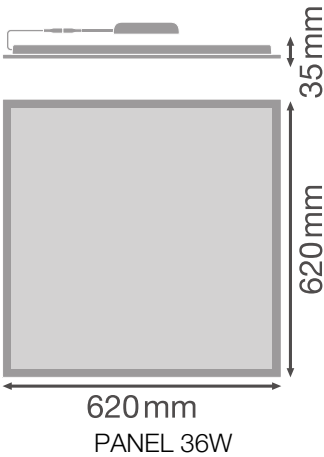
PL COMP 625 V 30W 830 U19 PS 3300lm



PL COMP 625 V 30W 830 U19 PS 3300lm

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 620.00 mm |
| Width          | 620.00 mm |
| Height         | 32.00 mm  |
| Product weight | 1900.00 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...+50 °C                      |
| Temperature range at storage           | -20...+80 °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                        | 600 mm                            |
| Mounting width                         | 595.00 mm                         |
| Mounting depth                         | 50,0 mm                           |
| Adjustable                             | No                                |
| With light source                      | Yes                               |

### Lifespan

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

<sup>1)</sup> 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              | 730 mA                         |
| ECG - Output ripple current | < 5 %                          |
| ECG - Length                | 116.7 mm                       |
| ECG - Width                 | 44 mm                          |
| ECG - Height                | 30,0 mm                        |
| Recommended control gear    | LEDV DR DALI-P-44/220-240/1050 |

### Certificates & Standards

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

#### Additional product data

|                |              |
|----------------|--------------|
| Added function | MULTI SELECT |
|----------------|--------------|

#### EQUIPMENT / ACCESSORIES

- External control gear included with a switch to select preferred lumen level
- Separate switch preinstalled to choose preferred CCT during installation
- Suitable for use with separate Emergency Conversion Box
- Accessories for several mounting options available
- Security brackets preinstalled

#### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                      |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|   | User instruction / safety instructions | UI PANEL COMPACT 2CCT              |
|  | Legal information                      | LSI PANEL COMPACT 600 625          |
|  | Legal information                      | Legal Insert PL COMP               |
|  | Legal information                      | EM Insert PL COMP                  |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity             | PL COMP 625                        |
|  | Declarations of conformity UKCA        | PL COMP 625                        |

| Photometric and lighting design files                                              |                     | Document name                       |
|------------------------------------------------------------------------------------|---------------------|-------------------------------------|
|  | IES file (IES)      | PL COMP 625 V 35W 830 U19 PS 3850lm |
|  | IES file (IES)      | PL COMP 625 V 35W 840 U19 PS 3850lm |
|  | LDT file (Eulumdat) | PL COMP 625 V 35W 830 U19 PS 3850lm |
|  | LDT file (Eulumdat) | PL COMP 625 V 35W 840 U19 PS 3850lm |

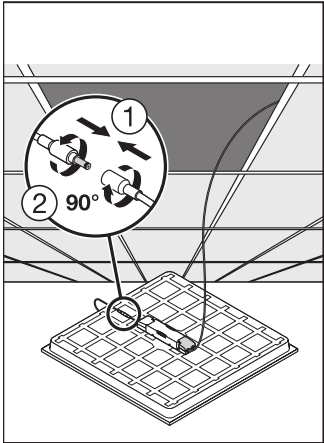
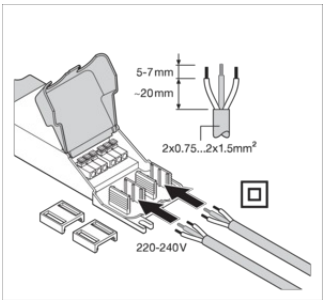
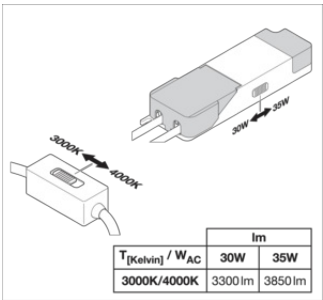
| Photometric and lighting design files                                              |                                     | Document name                                       |
|------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------|
|   | ULD file (DIALux)                   | PL COMP 625 V 35W 830 840 U19 PS                    |
|   | ROLF file (RELUX)                   | PL COMP 625 V 35W 830 840 U19 PS                    |
|   | UGR file (UGR table)                | PL COMP 625 V 30W 830 U19 PS 3300lm                 |
|   | Light distribution curve type cone  | PL COMP 625 V 30W 830 U19 PS 3300lm                 |
|   | Light distribution curve type polar | PL COMP 625 V 30W 830 U19 PS 3300lm                 |
| CAD/BIM files                                                                      |                                     | Document name                                       |
|   | BIM Revit 3D                        | Panel Compact                                       |
|   | CAD STEP 3D                         | PL COMP 625                                         |
| Tender texts                                                                       |                                     | Document name                                       |
|  | Tender documents                    | PANEL COMPACT 625 UGR-19 2CCT 35W 830 840 U19 PS-EN |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854206573 | Folding box<br>1             | 627 mm x 37 mm x 687 mm              | 2362.00 g    | 15.94 dm³ |
| 4099854206580 | Shipping box<br>4            | 702 mm x 164 mm x 653 mm             | 10378.00 g   | 75.18 dm³ |

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](http://www.ledvance.com/guarantee)

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## DISCLAIMER

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