# PRODUCT DATASHEET
# PL COMP 600 V 30W ML 93040 U19

PANEL COMPACT 600 MULTI SELECT | Square recessed panel luminaire with Multi Select function, 600 x 600 mm



## Areas of application

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

## Product benefits

- Highly versatile due to selectable lumen levels and light colors (Multi Select)
- High lumen output with up to 4200 lm (3 levels selectable)
- High color consistency with SDCM 3
- Versions with reduced glare (U19) for office applications and CRI 90 versions available
- Through-wiring possible
- Decentral emergency lighting possible with separately available LEDVANCE Emergency Conversion Box

## Product features

- Extruded aluminum frame, metal housing
- Polystyrene diffuser
- Lifetime (L80/B10): up to 75,000 h (at 25 °C)
- 3-pole terminal block, cable cross section up to 3 x 1.5 $mm^2$
- Type of protection: IP50 (panel luminaire), IP20 (driver)


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# TECHNICAL DATA

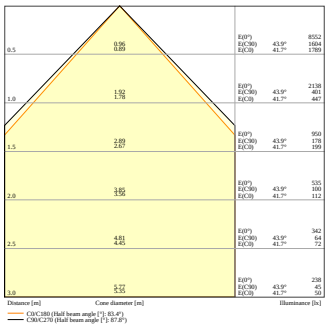
## Electrical data

| | |
|---|---|
| Nominal wattage | 30 W / 26 W / 22 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50/60 Hz |
| Nominal current | 135mA / 115mA / 105 mA |
| Inrush current | 26.4 A |
| Inrush current time $T_{h50}$ | 114 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 25 |
| 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 |
| Protection class | II |
| Surge capability (L-N) | 1000 V |
| Operating mode | External LED driver |

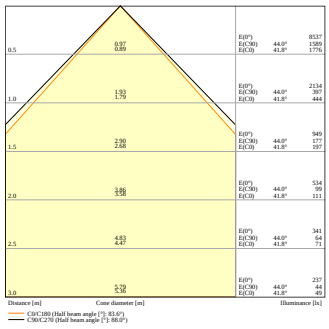
## Photometrical data

| | |
|---|---|
| Luminous flux | 4200 lm / 3640 lm / 3080 lm |
| Luminous efficacy | 140 lm/W |
| Color temperature | 3000 K / 4000 K |
| Light color (designation) | Warm White / Cool White |
| Color rendering index Ra | > 90 |
| Standard deviation of color matching | < 3 sdcm |
| Low flicker | Yes |
| Flickering metric (Pst LM) | <1 |
| Stroboscope effect metric (SVM) | < 0.4 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 90 ° |
| UGR | < 19 |

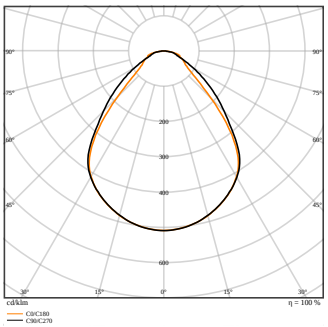

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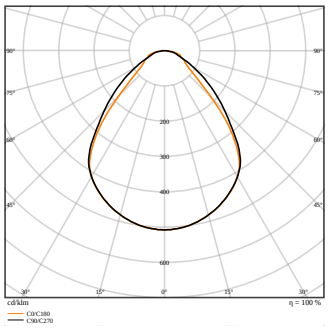
PL COMP 600 V 30W ML 930 U19 4200lm



PL COMP 600 V 30W ML 940 U19 4200lm



PL COMP 600 V 30W ML 930 U19 4200lm



PL COMP 600 V 30W ML 940 U19 4200lm

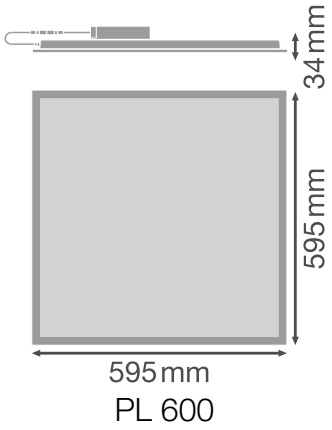
## Adjustable attributes

| Nominal wattage | Color temperature | Luminous flux | Luminous efficacy |
|---|---|---|---|
| 22 W | 3000 K | 3080 lm | 140 lm/W |
| 22 W | 4000 K | 3080 lm | 140 lm/W |
| 26 W | 3000 K | 3640 lm | 140 lm/W |
| 26 W | 4000 K | 3640 lm | 140 lm/W |
| 30 W | 3000 K | 4200 lm | 140 lm/W |
| 30 W | 4000 K | 4200 lm | 140 lm/W |

## Dimensions & Weight

| | |
|---|---|
| Length | 595.00 mm |
| Width | 595.00 mm |
| Height | 34.00 mm |
| Product weight | 1700.00 g |


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PL 600

## Materials & Colors

| | |
|---|---|
| Product color | White |
| Housing color | White |
| RAL Color (most similar) | RAL 9003 |
| Body material | Aluminum |
| 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 |
| Type of protection | IP50/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 mm |
| Mechanically adjustable | No |


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| | |
|---|---|
| With light source | Yes |
| Replaceable light source | No |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 100000 h [1)] |
| Lifespan L80/B10 at 25 °C | 75000 h [1)] |
| Lifespan L80/B50 at 25 °C | 75000 h |
| Lifespan L90/B10 at 25 °C | 35000 h [1)] |
| Number of switching cycles | 100000 |

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 | 800mA / 700mA / 600 mA |
| Output ripple current (100 Hz) | 5 % |
| ECG - Length | 175.00 mm |
| ECG - Width | 55,0 mm |
| ECG - Height | 30,0 mm |
| Recommended control gear | DR DS-V-30/220-240/800 PL COMP |

## Emergency lighting

| | |
|---|---|
| Type of Emergency Lighting (EL) | Optional EL unit (battery and controller) for decentral operation available separately |
| Wattage in emergency operation mode | 4,5 W |
| Luminous flux in emergency operation mode | 560 lm |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / ENEC / UKCA / EAC / EPD |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| EPD | LEDV-00075-V01.01-EN |
| Replaceable light source (EPREL) | Not replaceable |

## Additional product data

| | |
|---|---|
| Added function | MULTI LUMEN / MULTI COLOR |

## Accessories Optional


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| Product image | Product name | EAN |
|---|---|---|
|  | PANEL 600 SURFACE MOUNT KIT H75 | 4058075472914 |
|  | PANEL 600 SURFACE MOUNT KIT H75 BK | 4058075834330 |
|  | PANEL 600 SURFACE MOUNT KIT H70 VAL | 4058075402843 |
|  | PANEL 600 RECESSED MOUNT FRAME | 4058075402881 |
|  | PANEL RECESSED MOUNT CLIPS VAL 4x | 4058075409859 |
|  | PANEL Suspension Kit | 4058075402928 |

## 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
- Replacement driver separately available

## Upgrade and replacement components

Components EL Battery

| Product image | Product name | EAN |
|---|---|---|
|  | EL KIT COMP 55V 4W LI MT AT 3H WT | 4058075860711 |


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Components Driver

| Product image | Product name | EAN |
|---|---|---|
|  | DR DS-V 30/220-240/800 PL COMP | 4099854748837 |

## Safety advice

- All electrical connections must be made by a qualified person.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damged, the luminaire must be disposed of.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | G11256086 PL COMP |
| PDF | Addon technical information | Panel accessories compatibility overview |
| PDF | Legal information | Safety Insert G11207793 |
| PDF | Legal information | Legal Insert G11146927 |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | LSI PANEL COMPACT GEN2 600 625 |
| PDF | Legal information | PL COMP |
| PDF | Declarations of conformity | PANEL COMPACT |
| PDF | Declarations of conformity UKCA | PANEL COMPACT |
| PDF | EPD | EPD_FR_PANEL COMPACT GEN 2 |
| PDF | EPD | EPD_EN_PANEL COMPACT GEN 2 |


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| | Photometric and lighting design files | Document name |
|---|---|---|
| | IES file (IES) | PL COMP 600 V 30W ML 930 U19 4200lm |
| | IES file (IES) | PL COMP 600 V 30W ML 940 U19 4200lm |
| | LDT file (Eulumdat) | PL COMP 600 V 30W ML 930 U19 4200lm |
| | LDT file (Eulumdat) | PL COMP 600 V 30W ML 940 U19 4200lm |
| | ULD file (DIALux) | PL COMP 600 V 30W ML 93040 U19 |
| | ROLF file (RELUX) | PL COMP 600 V 30W ML 93040 U19 |
| | UGR file (UGR table) | PL COMP 600 V 30W ML 930 U19 4200lm |
| | UGR file (UGR table) | PL COMP 600 V 30W ML 940 U19 4200lm |
| | Light distribution curve type cone | PL COMP 600 V 30W ML 930 U19 4200lm |
| | Light distribution curve type cone | PL COMP 600 V 30W ML 940 U19 4200lm |
| | Light distribution curve type polar | PL COMP 600 V 30W ML 930 U19 4200lm |
| | Light distribution curve type polar | PL COMP 600 V 30W ML 940 U19 4200lm |

| | CAD/BIM files | Document name |
|---|---|---|
| | BIM Revit 3D | Panel Compact G2 |
| | CAD STEP 3D | PL COMP G2 600 |

| | Tender texts | Document name |
|---|---|---|
| | Tender documents | PANEL COMPACT 600 MULTI SELECT 30W ML 93040 U19-en |

## LOGISTICAL DATA

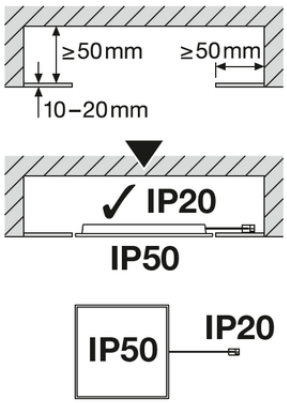
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854734601 | Folding box<br>1 | 40 mm x 602 mm x 669 mm | 2083.00 g | 16.11 $dm^3$ |


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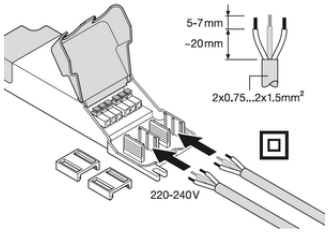
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854734618 | Shipping box<br>4 | 620 mm x 180 mm x 695 mm | 9292.00 g | 77.56 $dm^3$ |

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.

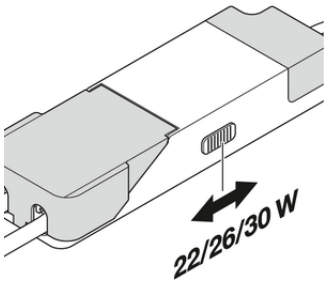
## ADDITIONAL CATALOG INFORMATION






**PL Compact 30W Multilumen (ML)**




## References / Links

– For Guarantee see www.ledvance.com/guarantee

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