# PRODUCT DATASHEET
# PL SF 1574 SNP V 48W ML 93040 U19

PANEL SURFACE SENSOR 1574 | Surface-mounted refurbishment luminaires with integrated PIR sensor, 1574 x 374 mm



## Areas of application

- Offices, conference rooms
- Reception areas, foyers, corridors

## Product benefits

- Multiple settings for sensor range, daylight detection, hold time and DIM-level /-period by DIP switches
- Rectangular refurbishment luminaire for replacing standard T5 and T8 surface-mounted luminaires
- Enlarged luminaire dimensions to cover mounting marks of existing luminaire
- Highly versatile due to selectable lumen levels and light colors (Multi Select)
- Through-wiring possible with included connector box
- Easy mounting by single person
- Versions with reduced glare (U19) for office applications available

## Product features

- Integrated PIR sensor with corridor function
- High color rendering (CRI > 90) with up to 130 lm/W
- Robust one-piece metal frame
- Polystyrene diffuser
- High color consistency: ≤ 3 SDCM


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# TECHNICAL DATA

## Electrical data

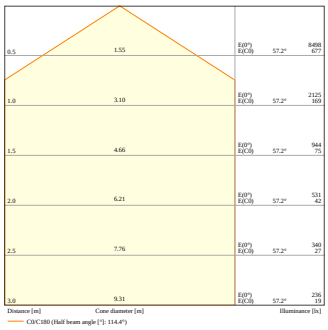
| | |
|---|---|
| Nominal wattage | 48 W / 39 W / 31 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50/60 Hz |
| Nominal current | 210mA / 170mA / 135 mA |
| Inrush current | 0.207 A |
| Inrush current time $T_{h50}$ | 121 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 23 |
| Max. number of luminaires per miniature circuit breaker C10 | 17 |
| Max. number of luminaires per miniature circuit breaker C16 | 28 |
| Power factor λ | > 0.90 |
| Maximum total harmonic distortion | < 15 % |
| Protection class | II |
| Operating mode | External LED driver |

## Photometrical data

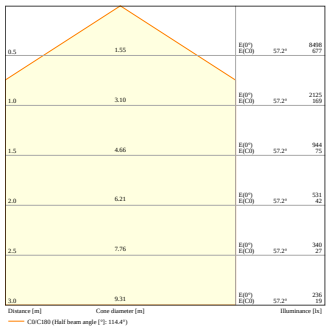
| | |
|---|---|
| Luminous flux | 6240 lm / 5265 lm / 4030 lm [1)] |
| Luminous efficacy | 140 lm/W / 135 lm/W / 130 lm/W |
| Color temperature | 3000 K / 4000 K |
| Reference control setting of contained light source (Kelvin) | 4000 K |
| Light color (designation) | Warm White / Cool White |
| Color 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 |
| Beam angle | 90 ° |
| CIE Flux code | 46 78 95 100 100 |
| UGR | < 19 |

1) 6000 lm / 5070 lm / 4185 lm @3000K

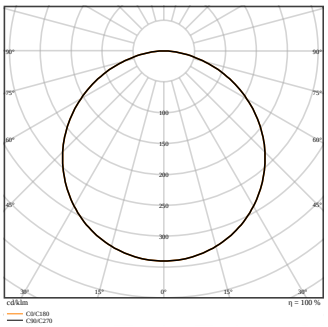

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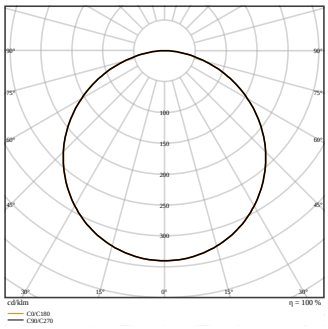
PL SF 1574 SNP V 48W 930 U19 6240lm



PL SF 1574 SNP V 48W 940 U19 6240lm



PL SF 1574 SNP V 48W 930 U19 6240lm



PL SF 1574 SNP V 48W 940 U19 6240lm

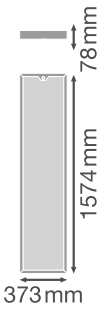
## Adjustable attributes

| Nominal wattage | Color temperature | Luminous flux | Luminous efficacy |
|---|---|---|---|
| 31 W | 3000 K | 4185 lm | 135 lm/W |
| 31 W | 4000 K | 4340 lm | 140 lm/W |
| 39 W | 3000 K | 5070 lm | 130 ln/W |
| 39 W | 4000 K | 5265 lm | 135 lm/W |
| 48 W | 3000 K | 6000 lm | 125 lm/W |
| 48 W | 4000 K | 6240 lm | 130 lm/W |

## Dimensions & Weight

| | |
|---|---|
| Length | 1574.00 mm |
| Width | 373.00 mm |
| Height | 78.00 mm |
| Product weight | 4960.00 g |


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PL SF 1574 SNP

## 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…+40 °C |
| Temperature range at storage | -20…+70 °C |
| Type of connection | Screwless terminal, 2-Pole (L, N) |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK02 |
| Dimmable | No |
| Mounting type | Surface/Suspended |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mechanically adjustable | No |
| With light source | Yes |
| Replaceable light source | No |


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## 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 | 50000 h [1)] |
| 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 | 1050mA / 900mA / 700 mA |
| Output ripple current (100 Hz) | < 5 % |
| Recommended control gear | LEDVANCE 48WConstant Current PIR LED Power |

## Sensor

| | |
|---|---|
| Type of sensor | Motion |
| Sensor technology | Passive infrared (PIR) |
| Sensor detection angle | 360 ° |
| Sensor controlled switching time | 5 s…20 min |
| Detection range of motion sensor | 1…3 m |
| Detection threshold of daylight sensor | 10…150 lx |
| Sensor IK rating | IK02 |

## Emergency lighting

| | |
|---|---|
| Type of Emergency Lighting (EL) | Optional EL unit (battery and controller) for decentral operation available separately |
| Type of emergency operation test | None |
| Wattage in emergency operation mode | 5 W |
| Luminous flux in emergency operation mode | 650 lm |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / EAC / ENEC / ROHS / ERP / UKCA / EPD |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| EPD | LEDV-00078-V01.01-EN |
| Replaceable light source (EPREL) | Not replaceable |


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## Additional product data

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

## Accessories Optional

| Product image | Product name | EAN |
|---|---|---|
|  | PL SF SUSPENSION KIT L/E/N | 4099854732003 |

## EQUIPMENT / ACCESSORIES

- Suspension kit available as separate accessory

## Upgrade and replacement components

Components EL Battery

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

## 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 damaged, 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 | User Instruction G11256010 PL SURFACE |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | Safety Insert G11207793 |
| PDF | Legal information | Legal Insert G11146927 |
| PDF | Legal information | PL SF |


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| | Documents and certificates | Document name |
|---|---|---|
| PDF | Legal information | PL SF |
| PDF | Declarations of conformity | PL SF |
| PDF | Declarations of conformity UKCA | PL SF |
| PDF | EPD | EPD EN PANEL SURFACE |

| | Photometric and lighting design files | Document name |
|---|---|---|
| IES | IES file (IES) | PL SF 1574 SNP V 48W 930 U19 6240lm |
| IES | IES file (IES) | PL SF 1574 SNP V 48W 940 U19 6240lm |
| LDT | LDT file (Eulumdat) | PL SF 1574 SNP V 48W 930 U19 6240lm |
| LDT | LDT file (Eulumdat) | PL SF 1574 SNP V 48W 940 U19 6240lm |
| ULD | ULD file (DIALux) | PL SF 1574 SNP V 48W ML 93040 U19 |
| ROLF | ROLF file (RELUX) | PL SF 1574 SNP V 48W ML 93040 U19 |
| | UGR file (UGR table) | PL SF 1574 SNP V 48W 930 U19 6240lm |
| | UGR file (UGR table) | PL SF 1574 SNP V 48W 940 U19 6240lm |
| | Light distribution curve type cone | PL SF 1574 SNP V 48W 930 U19 6240lm |
| | Light distribution curve type cone | PL SF 1574 SNP V 48W 940 U19 6240lm |
| | Light distribution curve type polar | PL SF 1574 SNP V 48W 930 U19 6240lm |
| | Light distribution curve type polar | PL SF 1574 SNP V 48W 940 U19 6240lm |

| | CAD/BIM files | Document name |
|---|---|---|
| RFA | BIM Revit 3D | Panel-Surface |


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| | CAD/BIM files | Document name |
|---|---|---|
| | CAD STEP 3D | PL SF SNP 1574 |

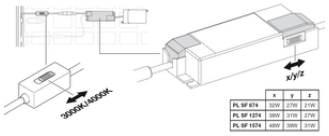
| | Tender texts | Document name |
|---|---|---|
| | Tender documents | PANEL SURFACE SENSOR 1574 48W ML 93040 U19-en |

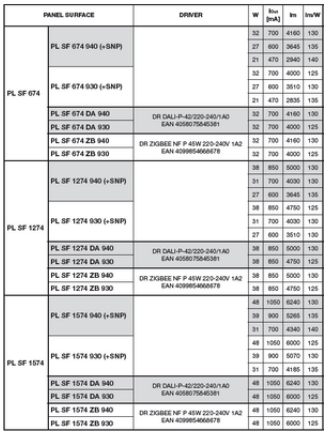
## LOGISTICAL DATA

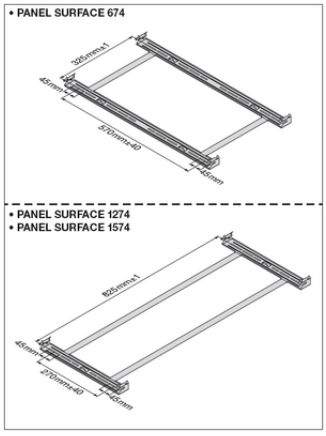
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854731983 | Folding box<br>1 | 95 mm x 1,600 mm x 390 mm | 5709.00 g | 59.28 $dm^3$ |
| 4099854731990 | Shipping box<br>2 | 1,618 mm x 210 mm x 418 mm | 13008.00 g | 142.03 $dm^3$ |

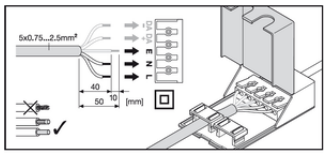
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

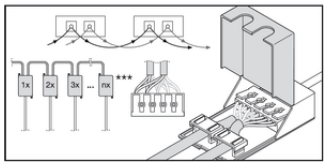
## ADDITIONAL CATALOG INFORMATION

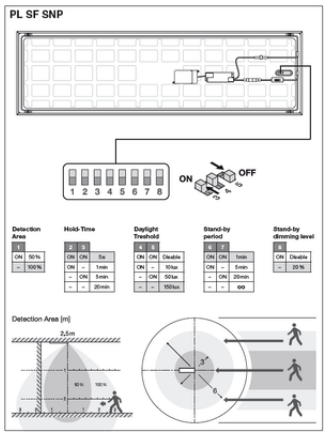












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## References / Links

– For Guarantee see www.ledvance.com/guarantee

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