# PRODUCT DATASHEET
# PL SF 1574 DA V 48W 93040

PANEL SURFACE DALI 1574 | Surface-mounted refurbishment luminaires with DALI-2 technology, 1574 x 374 mm



## Areas of application

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

## Product benefits

- Suitable luminaire for VIVARES and other DALI-2 Light Management Systems
- 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 light colors (Multi Select)
- Through-wiring possible with included connector box
- Easy mounting by single person
- Extended services such as energy monitoring and remote maintenance possible
- Versions with reduced glare (U19) for office applications available

## Product features

- IoT-ready luminaire with DALI-2 technology
- High color rendering (CRI > 90) with up to 130 lm/W
- Robust one-piece metal frame
- Polystyrene diffuser
- High color consistency: ≤ 3 SDCM
- Suitable for central battery emergency installations acc. to EN 60598-2-22


© 2026, LEDVANCE GmbH. All rights reserved.

# TECHNICAL DATA

## Electrical data

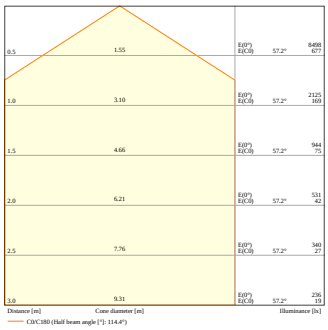
| | |
|---|---|
| Nominal wattage | 48.00 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 0/50/60 Hz |
| Nominal current | 210 mA |
| Inrush current | 0.27 A |
| Inrush current time $T_{h50}$ | 34 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 47 |
| Max. number of luminaires per miniature circuit breaker C10 | 29 |
| Max. number of luminaires per miniature circuit breaker C16 | 47 |
| Power factor λ | > 0.90 |
| Maximum total harmonic distortion | < 15 % |
| Protection class | II |
| Operating mode | External LED driver |
| Dimming interface | DALI-2 / IoT / Push-DIM |

## Photometrical data

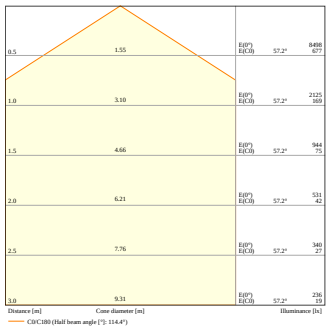
| | |
|---|---|
| Luminous flux | 6240 lm [1)] |
| Luminous efficacy | 130 lm/W |
| Color temperature | 3000 K / 4000 K |
| Reference control setting of contained light source (Kelvin) | 4000 K |
| Light color (designation) | Warm White / Cool White |
| Color rendering index Ra | > 90 |
| Standard deviation 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 | 120 ° |

1) 6000 lm @3000K

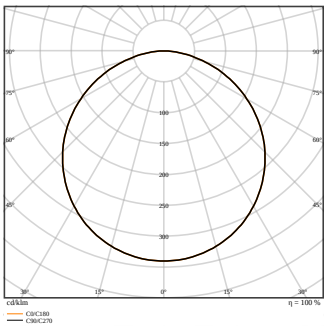

© 2026, LEDVANCE GmbH. All rights reserved.



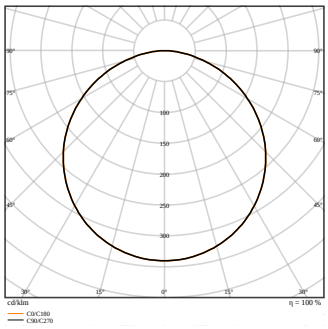
PL SF 1574 DA V 48W 930 6240lm



PL SF 1574 DA V 48W 940 6240lm



PL SF 1574 DA V 48W 930 6240lm



PL SF 1574 DA V 48W 940 6240lm

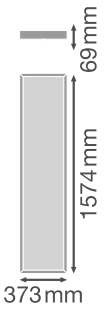
## Adjustable attributes

| Nominal wattage | Color temperature | Luminous flux | Luminous efficacy |
|---|---|---|---|
| 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 | 69.00 mm |
| Product weight | 4700.00 g |


© 2026, LEDVANCE GmbH. All rights reserved.




PL SF 1574

## 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 | Terminal, 5-Pole (L, N, PE, DA+, DA-) |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK02 |
| Dimmable | Yes |
| Type of dimming | DALI-2 |
| Dimming range | 1…100 % |
| IoT ready | Support of DALI data type PART 251, 252, 253 [1)] |
| Mounting type | Surface/Suspended |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mechanically adjustable | No |
| With light source | Yes |


© 2026, LEDVANCE GmbH. All rights reserved.

| | |
|---|---|
| Replaceable light source | No |

1) Internet of Things. Supports data transfer via gateway to cloud-based monitoring platforms, such as LEDVANCE VIVARES Cloud

## 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 | 1050 mA |
| Output ripple current (100 Hz) | < 5 % |
| Recommended control gear | DR DALI-P-42/220-240/1A0 |

## Emergency lighting

| | |
|---|---|
| Type of Emergency Lighting (EL) | Optional EL unit (battery and controller) for decentral operation available separately / EL certified driver (0Hz / DC operation) for central battery operation included |
| 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 / EL / 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 |

## Additional product data

| | |
|---|---|
| Added function | MULTI COLOR / VIVARES |

## Accessories Optional


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | PL SF SUSPENSION KIT L/E/N/DA+/DA- | 4099854732027 |

## 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 |

### Components for light control

Components Light Control

| Product image | Product name | EAN |
|---|---|---|
|  | MANUAL CONTROL UNIT GROUP DALI-2 TW | 4099854748691 |
|  | MANUAL CONTROL UNIT SELECT DALI-2 | 4058075837485 |
|  | MANUAL CONTROL UNIT SELECT DALI-2 TW | 4058075837508 |
|  | MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW | 4058075837522 |
|  | MANUAL CONTROL UNIT TOUCH DALI-2 TW | 4058075837560 |


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | MANUAL CONTROL UNIT TOUCH DALI-2 | 4058075837546 |
|  | PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW | 4058075837584 |
|  | PUSH CONTROL UNIT FM DALI-2 DIM | 4099854846922 |
|  | SURFACE MOUNT FRAME | 4058075843561 |
|  | PUSHBUTTON COUPLER DALI-2 | 4058075837607 |
|  | FLEX CONTROL UNIT IOT DALI-2 HCL TW | 4058075841888 |
|  | FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW | 4058075841901 |
|  | FLEX CONTROL UNIT DALI-2 TW | 4058075843844 |
|  | FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW | 4058075841925 |
|  | SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION | 4058075837621 |
|  | SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6 | 4099854748714 |


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION | 4058075841949 |
|  | SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION | 4058075843868 |
|  | SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING | 4058075843882 |
|  | HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING | 4058075857537 |
|  | DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM | 4058075843905 |
|  | RELAY DALI-2 RAIL MOUNTING | 4099854709159 |
|  | RELAY DALI-2 CEILING MOUNTING | 4099854709135 |
|  | REPEATER DALI-2 RAIL MOUNTING | 4099854709111 |
|  | REPEATER DALI-2 CEILING MOUNTING | 4099854709098 |

## 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.


© 2026, LEDVANCE GmbH. All rights reserved.

## 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 |
| PDF | Legal information | PL SF |
| 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 DA V 48W 930 6240lm |
| IES | IES file (IES) | PL SF 1574 DA V 48W 940 6240lm |
| LDT | LDT file (Eulumdat) | PL SF 1574 DA V 48W 930 6240lm |
| LDT | LDT file (Eulumdat) | PL SF 1574 DA V 48W 940 6240lm |
| ULD | ULD file (DIALux) | PL SF 1574 DA V 48W 93040 |
| ROLF | ROLF file (RELUX) | PL SF 1574 DA V 48W 93040 |
| | UGR file (UGR table) | PL SF 1574 DA V 48W 930 6240lm |
| | UGR file (UGR table) | PL SF 1574 DA V 48W 940 6240lm |
| | Light distribution curve type cone | PL SF 1574 DA V 48W 930 6240lm |


© 2026, LEDVANCE GmbH. All rights reserved.

| | Photometric and lighting design files | Document name |
|---|---|---|
| | Light distribution curve type cone | PL SF 1574 DA V 48W 940 6240lm |
| | Light distribution curve type polar | PL SF 1574 DA V 48W 930 6240lm |
| | Light distribution curve type polar | PL SF 1574 DA V 48W 940 6240lm |

| | CAD/BIM files | Document name |
|---|---|---|
| | BIM Revit 3D | Panel-Surface |
| | CAD STEP 3D | PL SF 1574 |

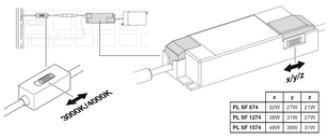
| | Tender texts | Document name |
|---|---|---|
| | Tender documents | PANEL SURFACE DALI 1574 48W 93040-en |

## LOGISTICAL DATA

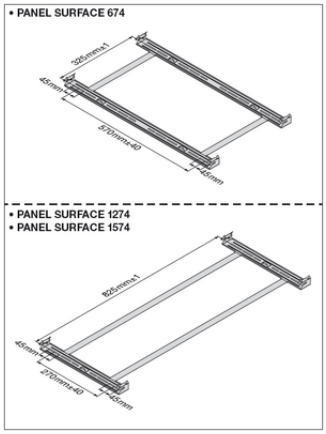
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854731723 | Folding box<br>1 | 77 mm x 1,588 mm x 381 mm | 5285.00 g | 46.59 $dm^3$ |
| 4099854731730 | Shipping box<br>2 | 1,606 mm x 175 mm x 410 mm | 12013.00 g | 115.23 $dm^3$ |

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

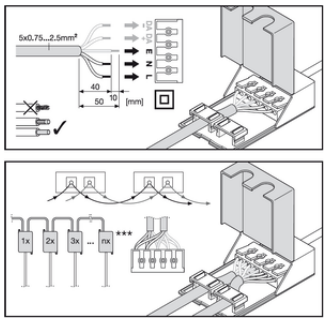


| PANEL SURFACE | | DRIVER | W | $I_{flux}$ [mA] | lm | lm/W |
|---|---|---|---|---|---|---|
| PL SF 674 | PL SF 674 940 (+SNP) | | 32 | 700 | 4160 | 130 |
| | | | 27 | 600 | 3645 | 135 |
| | | | 21 | 470 | 2940 | 140 |
| | PL SF 674 930 (+SNP) | | 32 | 700 | 4000 | 125 |
| | | | 27 | 600 | 3510 | 130 |
| | | | 21 | 470 | 2835 | 135 |
| | PL SF 674 DA 940 | DR DALI-P-42/220-240/1A0 EAN 4058075845381 | 32 | 700 | 4160 | 130 |
| | PL SF 674 DA 930 | | 32 | 700 | 4000 | 125 |
| | PL SF 674 ZB 940 | DR ZIGBEE NF P 45W 220-240V 1A2 EAN 4099854666878 | 32 | 700 | 4160 | 130 |
| | PL SF 674 ZB 930 | | 32 | 700 | 4000 | 125 |
| PL SF 1274 | PL SF 1274 940 (+SNP) | | 38 | 850 | 5000 | 130 |
| | | | 31 | 700 | 4030 | 130 |
| | | | 27 | 600 | 3645 | 135 |
| | PL SF 1274 930 (+SNP) | | 38 | 850 | 4750 | 125 |
| | | | 31 | 700 | 4030 | 130 |
| | | | 27 | 600 | 3510 | 130 |
| | PL SF 1274 DA 940 | DR DALI-P-42/220-240/1A0 EAN 4058075845381 | 38 | 850 | 5000 | 130 |
| | PL SF 1274 DA 930 | | 38 | 850 | 4750 | 125 |
| | PL SF 1274 ZB 940 | DR ZIGBEE NF P 45W 220-240V 1A2 EAN 4099854666878 | 38 | 850 | 5000 | 130 |
| | PL SF 1274 ZB 930 | | 38 | 850 | 4750 | 125 |
| PL SF 1574 | PL SF 1574 940 (+SNP) | | 48 | 1050 | 6240 | 130 |
| | | | 39 | 900 | 5265 | 135 |
| | | | 31 | 700 | 4340 | 140 |
| | PL SF 1574 930 (+SNP) | | 48 | 1050 | 6000 | 125 |
| | | | 39 | 900 | 5070 | 130 |
| | | | 31 | 700 | 4185 | 135 |
| | PL SF 1574 DA 940 | DR DALI-P-42/220-240/1A0 EAN 4058075845381 | 48 | 1050 | 6240 | 130 |
| | PL SF 1574 DA 930 | | 48 | 1050 | 6000 | 125 |
| | PL SF 1574 ZB 940 | DR ZIGBEE NF P 45W 220-240V 1A2 EAN 4099854666878 | 48 | 1050 | 6240 | 130 |
| | PL SF 1574 ZB 930 | | 48 | 1050 | 6000 | 125 |





© 2026, LEDVANCE GmbH. All rights reserved.




## 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.


© 2026, LEDVANCE GmbH. All rights reserved.