# PRODUCT DATASHEET
# LN INV DI 1500 P 69W 940 DAVR WT

LINEAR INDIVILED DIRECT/INDIRECT 1500 DALI | Pendant luminaire for single or light line office application with CRI90 and DALI-2 IoT technology, 1500 mm




## Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, education, public buildings
- Single and continuous line configuration
- Direct and indirect lighting

## Product benefits

- Easy upgradeability of light source and driver (EVERLOOP design)
- Homogenous light distribution and reduced glare (UGR ≤ 19) thanks to IndiviLED® optics
- Pendant luminaires with direct light emission (70%) and indirect light emission (30%)
- High performance with CRI90 and up to 131 lm/W
- IoT-ready luminaire with DALI-2 driver, suitable for VIVARES and other Light Management Systems
- Extended services such as energy monitoring and remote maintenance possible with DALI versions
- High color consistency with SDCM 3
- Easy installation
- Low flicker light thanks to special electronic control gear
- Suitable for battery emergency installations acc. to EN 60598-2-22
- Multiple mounting options thanks to different accessories

## Product features

- Minimalistic LEDVANCE SCALE design in extruded aluminum housing, available in white and black color
- Includes EVERLOOP: Convenient replacement of light source and LED driver
- Linkable into seamless light line with accessories (surface or pendant mounting)
- Pendant mounting with suspension kit (to be ordered separetely)




© 2026, LEDVANCE GmbH. All rights reserved.

- Glow Wire Test according to IEC 60695-2-12: 850 °C
- 5-pole terminal block, cable cross section up to 5 x 2.5 $mm^2$
- Lifetime (L80/B10): 70,000 h (at 25 °C)
- Multi Lumen function: programmable DALI-2 driver


© 2026, LEDVANCE GmbH. All rights reserved.

# TECHNICAL DATA

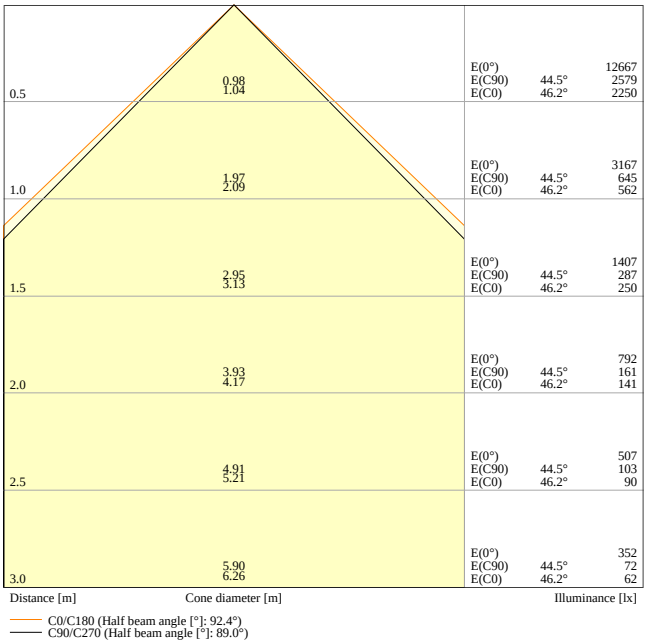
## Electrical data

| | |
|---|---|
| Nominal wattage | 69 W / 63 W / 60 W / 54 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 0/50/60 Hz |
| Nominal current | 308…285…270…240 mA |
| Inrush current | 16 A |
| Inrush current time $T_{h50}$ | 200 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 23 |
| Max. number of luminaires per miniature circuit breaker C10 | 20 |
| Max. number of luminaires per miniature circuit breaker C16 | 32 |
| Power factor λ | > 0.90 |
| Maximum total harmonic distortion | ≤ 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |
| Dimming interface | DALI-2 / IoT |

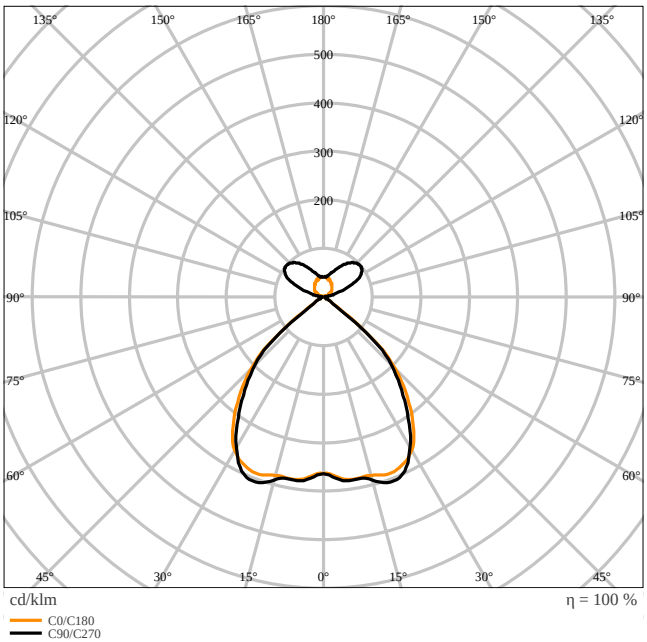
## Photometrical data

| | |
|---|---|
| Luminous flux | 9050 lm / 8400 lm / 8200 lm / 7100 lm |
| Luminous efficacy | 131 lm/W / 133 lm/W / 134 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | 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 | RG1 |
| Photobiological safety group acc. to EN62471 | RG0 |
| Beam angle | 90 ° + 130 ° |
| UGR | < 19 |


© 2026, LEDVANCE GmbH. All rights reserved.




LN INV DI 1500 P 69W 940 DAVR WT 1400mA




LN INV DI 1500 P 69W 940 DAVR BK

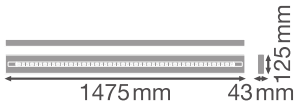
## Adjustable attributes

| Nominal wattage | Color temperature | Luminous flux | Luminous efficacy |
|---|---|---|---|
| 69 W | 4000 K | 8700 lm | 126 lm/W |
| 63 W | 4000 K | 8150 lm | 129 lm/W |
| 60 W | 4000 K | 7600 lm | 127 lm/W |
| 54 W | 4000 K | 7050 lm | 131 lm/W |

## Dimensions & Weight

| | |
|---|---|
| Length | 1475.00 mm |
| Width | 125.00 mm |
| Height | 43.00 mm |
| Product weight | 4160.00 g |


© 2026, LEDVANCE GmbH. All rights reserved.




LN INV 1500 P

## Materials & Colors

| | |
|---|---|
| Product color | White |
| Housing color | White |
| RAL Color (most similar) | RAL 9003 |
| Body material | Aluminum |
| Cover material | Polymethylmethacrylate (PMMA) |
| Light emitting surface material | Polymethylmethacrylate (PMMA) |
| Glow Wire Test according to IEC 60695-2-12 | 850 °C |
| Mercury content | 0.0 mg |

## Application & Mounting

| | |
|---|---|
| Ambient temperature range | -20…+50 °C |
| Temperature range at storage | -20…+80 °C |
| Type of connection | Screwless terminal, 5-Pole (L, N, PE, DA+, DA-) |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | Yes |
| Type of dimming | DALI-2 |
| IoT ready | Support of DALI data type PART 251, 252, 253 [1)] |
| Mounting type | Suspended |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mechanically adjustable | No |
| With light source | Yes |
| Replaceable light source | Yes |


© 2026, LEDVANCE GmbH. All rights reserved.

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 | 70000 h 1) |
| Lifespan L80/B50 at 25 °C | 70000 h |
| Lifespan L90/B10 at 25 °C | 35000 h 1) |
| Number of switching cycles | 25000 |

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 | 1400mA / 1300mA / 1200mA / 1100 mA |
| Output ripple current (100 Hz) | ≤ 5 % |
| Recommended control gear | OSRAM type ETI DALI 75/220-240/1A4 LT2 |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / ENEC / TÜV SÜD / UKCA / EAC / EPD |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| EPD | LEDV-00026-V01.01-EN |
| Replaceable light source (EPREL) | Only by an expert |

## Additional product data

| | |
|---|---|
| Number of illuminants | 2 |
| Added function | EVERLOOP / VIVARES / Programmable Multi Lumen |

## Required Accessories and Components

| Product image | Product name | EAN |
|---|---|---|
|  | LN INV SUSPENSION KIT WT | 4099854215537 |
|  | LN INV SUSPENSION WIRE | 4099854323980 |

## Accessories Optional


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | LN INV 1500 THROUGHWIRING KIT | 4099854214806 |
|  | LN INV INLINE CONNECTOR | 4099854215612 |
|  | LN INV CORNER CONNECTOR WT | 4099854308093 |
|  | LN INV INFILL 600 WT | 4099854214882 |
|  | LN INV INFILL 1200 WT | 4099854214868 |
|  | LN INV INFILL 1500 WT | 4099854214844 |

## EQUIPMENT / ACCESSORIES

- Suspension kit available for pendant luminaire version (to be ordered separately)
- Inline, corner and infill connectors available as separate accessory
- Through-wiring cable kit available

## Upgrade and replacement components

Components Light Source

| Product image | Product name | EAN |
|---|---|---|
|  | LISOEV 1339x29 65 52W 940 S90U19 GY | 4099854284854 |
|  | LISOEV 1465x31 30 23W 940 S130 | 4099854285080 |


© 2026, LEDVANCE GmbH. All rights reserved.

Components Driver

| Product image | Product name | EAN |
|---|---|---|
|  | ETI DALI 75/220-240/1A4 LT2 L | 4062172126250 |

## 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 |
|  | MANUAL CONTROL UNIT TOUCH DALI-2 | 4058075837546 |
|  | PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW | 4058075837584 |
|  | PUSH CONTROL UNIT FM DALI-2 DIM | 4099854846922 |


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | 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 |
|  | 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 |


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | 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 halogen signal lamps operate at high temperature and pressure. They may therefore only be operated in signal equipment/luminaires specially designed for the purpose. Make sure that the lamps are protected against moisture during operation and in particular during relamping.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | LN INV D PS |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | Safety Insert G11205497 |
| PDF | Legal information | Legal Insert G11235610 |


© 2026, LEDVANCE GmbH. All rights reserved.

| | Documents and certificates | Document name |
|---|---|---|
| PDF | Legal information | LN INV D DI |
| PDF | Declarations of conformity | LN INV |
| PDF | Declarations of conformity UKCA | LN INV |
| PDF | EU Data Act | DALI LED Driver and Luminaires |
| PDF | EPD | EPD EN LINEAR INDIVILED DIRECT INDIRECT |

| | Photometric and lighting design files | Document name |
|---|---|---|
| IES | IES file (IES) | LN INV DI 1500 P 69W 940 DAVR WT 1400mA |
| LDT | LDT file (Eulumdat) | LN INV DI 1500 P 69W 940 DAVR WT 1400mA |
| ULD | ULD file (DIALux) | LN INV DI 1500 P 69W 940 DAVR WT |
| ROLF | ROLF file (RELUX) | LN INV DI 1500 P 69W 940 DAVR WT |
| | UGR file (UGR table) | LN INV DI 1500 P 69W 940 DAVR WT 1400mA |
| | Light distribution curve type cone | LN INV DI 1500 P 69W 940 DAVR WT 1400mA |
| | Light distribution curve type polar | LN INV DI 1500 P 69W 940 DAVR BK |

| | CAD/BIM files | Document name |
|---|---|---|
| RFA | BIM Revit 3D | Linear Indiviled G2 |
| STEP | CAD STEP 3D | LN INV D I 1500 G2. |

| | Tender texts | Document name |
|---|---|---|
| TXT | Tender documents | LINEAR INDIVILED DIRECTINDIRECT 1500 DALI 1500 P 69W 940 DAVR WT-EN |

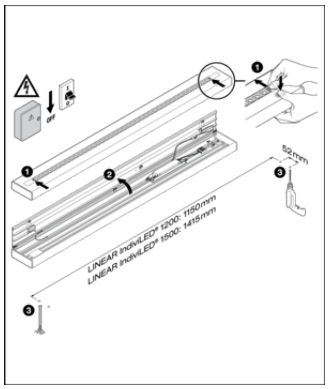

© 2026, LEDVANCE GmbH. All rights reserved.

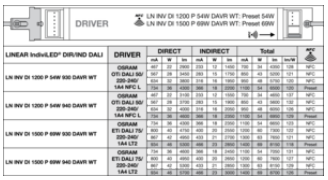
## LOGISTICAL DATA

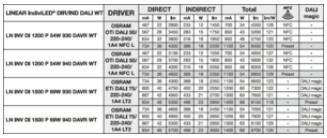
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854135651 | Folding box<br>1 | 1,252 mm x 167 mm x 87 mm | 4860.00 g | 18.19 $dm^3$ |
| 4099854135668 | Shipping box<br>2 | 1,547 mm x 187 mm x 189 mm | 11320.00 g | 54.68 $dm^3$ |

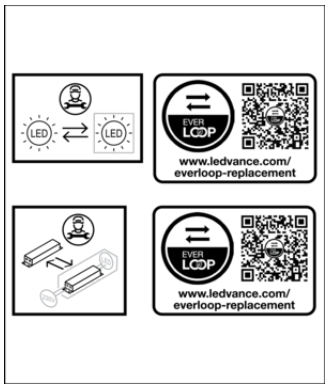
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

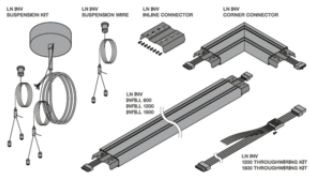
## ADDITIONAL CATALOG INFORMATION





## 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.


© 2026, LEDVANCE GmbH. All rights reserved.