

# PRODUCT DATASHEET

## LISOEV 1465x31 30 23W 940 S130

LINEAR INDIVIDUAL LIGHT SOURCES INDIRECT | Upgrade or replacement light source unit for indirect, diffuse light distribution



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### Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, education, public buildings

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### Product benefits

- Easy upgradeability of light source and driver (EVERLOOP design)
- Easy installation, no tools required for connection
- Homogenous light distribution and reduced glare ( $UGR \leq 19$ ) thanks to IndiviLED® optics
- High performance with CRI90

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### Product features

- Indirect, diffuse light distribution
- Lifetime (L80/B10): 70,000 h (at 25 °C)
- Beam angle: 90°

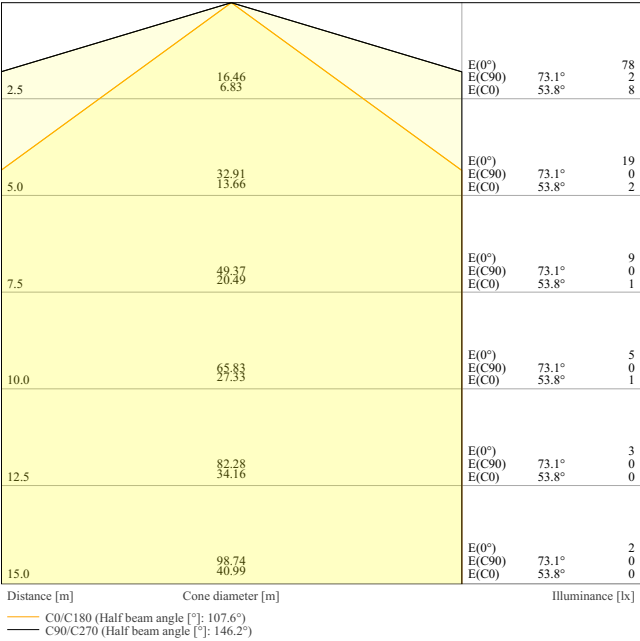
TECHNICAL DATA

Electrical data

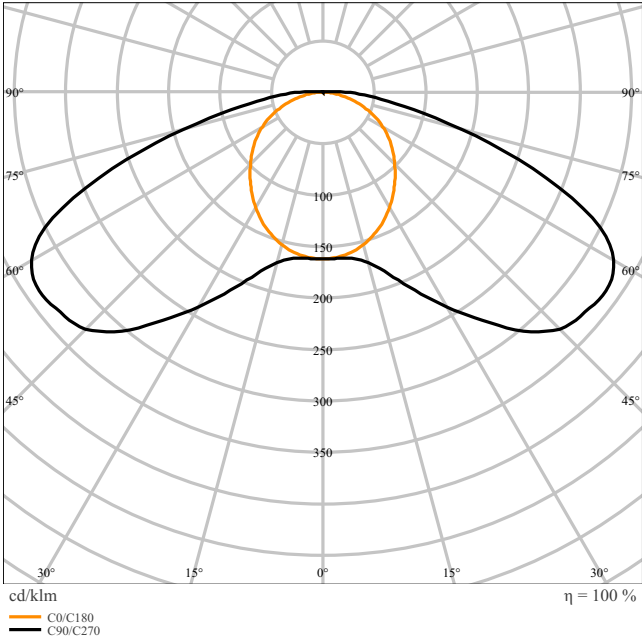
|                 |            |
|-----------------|------------|
| Nominal wattage | 23.00 W    |
| Nominal voltage | 45 V       |
| Nominal current | 466.000 mA |

Photometrical data

|                                              |                     |
|----------------------------------------------|---------------------|
| Luminous flux                                | 3000 lm             |
| Luminous efficacy                            | 130 lm/W            |
| Color temperature                            | 4000 K              |
| Light color (designation)                    | Cool White          |
| Color rendering index Ra                     | ≥90                 |
| Standard deviation of color matching         | 3 sdc <sub>cm</sub> |
| Flickering metric (Pst LM)                   | ≤1                  |
| Stroboscope effect metric (SVM)              | ≤0.4                |
| Photobiological safety group acc. to EN62778 | RG1                 |
| Beam angle                                   | 130 °               |
| UGR                                          | 19                  |



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Dimensions & Weight

|        |            |
|--------|------------|
| Length | 1465.00 mm |
|--------|------------|

|                |          |
|----------------|----------|
| Width          | 31.00 mm |
| Height         | 11.00 mm |
| Product weight | 337.00 g |
| Cable length   | 100.000  |



1 5m INDIRECT LED MODULE

Materials & Colors

|               |      |
|---------------|------|
| Product color | Grey |
| Housing color | Grey |

Application & Mounting

|                              |               |
|------------------------------|---------------|
| Ambient temperature range    | -20...+50 °C  |
| Temperature range at storage | -20...+80 °C  |
| Type of connection           | Push-in clamp |
| Type of protection           | IP20          |
| Dimmable                     | No            |

Lifespan

|                            |          |
|----------------------------|----------|
| Lifespan L70/B50 at 25 °C  | 100000 h |
| Lifespan L80/B10 at 25 °C  | 70000 h  |
| Lifespan L80/B50 at 25 °C  | 70000 h  |
| Lifespan L90/B10 at 25 °C  | 35000 h  |
| Number of switching cycles | 25000    |

Certificates & Standards

|           |                                       |
|-----------|---------------------------------------|
| Standards | CE / CB / ENEC / TÜV SÜD / UKCA / EAC |
|-----------|---------------------------------------|

Safety advice

- All electrical connections must be made by a qualified person.

DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                             |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|
|    | User instruction / safety instructions | User instruction G11244437                |
|    | Legal information                      | Informationstext 18 Abs 4 ElektroG        |
|    | Legal information                      | Safety Insert G11218810                   |
|    | Legal information                      | Legal Insert G11244392                    |
|    | Legal information                      | LSI insert G11244301                      |
|    | Declarations of conformity             | LN INV                                    |
|    | Declarations of conformity UKCA        | LN INV                                    |
| Photometric and lighting design files                                              |                                        | Document name                             |
|   | IES file (IES)                         | LISOEV 1465X31 30 23W 940 S130 LEDV 466mA |
|  | LDT file (Eulumdat)                    | LISOEV 1465X31 30 23W 940 S130 LEDV 466mA |
|  | Light distribution curve type cone     | LISOEV 1465X31 30 23W 940 S130 LEDV 466mA |
|  | Light distribution curve type polar    | LISOEV 1465X31 30 23W 940 S130 LEDV 466mA |
| CAD/BIM files                                                                      |                                        | Document name                             |
|  | CAD STEP 3D                            | LN INDV INDIRECT G2 LISOEV 1500           |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854285080 | Folding box<br>1             | 36 mm x 1,472 mm x 17 mm             | 417.00 g     | 0.90 dm <sup>3</sup>  |
| 4099854285097 | Shipping box<br>10           | 1,484 mm x 184 mm x 67 mm            | 4270.00 g    | 18.29 dm <sup>3</sup> |
| 4099854285103 | Shipping box<br>20           | 1,504 mm x 204 mm x 158 mm           | 9450.00 g    | 48.48 dm <sup>3</sup> |

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

[illegible]

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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