

# PRODUCT DATASHEET

## SPOT VARIO DN 170 35 W 3000 K 24DEG WT

SPOT VARIO | Recessed mounted spotlight, swivelable



### Areas of application

- Accent- and general lighting for all kind of salesrooms
- Retail
- Supermarkets
- Shops, boutiques
- Hotel rooms
- Stairways
- Corridors
- Lobbies

### Product benefits

- Low flicker light thanks to special electronic control gear
- High luminous efficacy
- Die-cast aluminum housing for improved heat dissipation
- Easy replacement of external driver thanks to plug with bayonet lock
- Design matches the LEDVANCE Spot-, Down- and Tracklight luminaire family
- Shallow mounting depth
- Various options to highlight target areas
- 5 years guarantee

### Product features

- Large faceted reflector for high light output
- Beam angle: 24°



- Rotation angle: 0°...350°, tilt angle: 0°...35°
- Diameter of required ceiling cut out: 165...170 mm

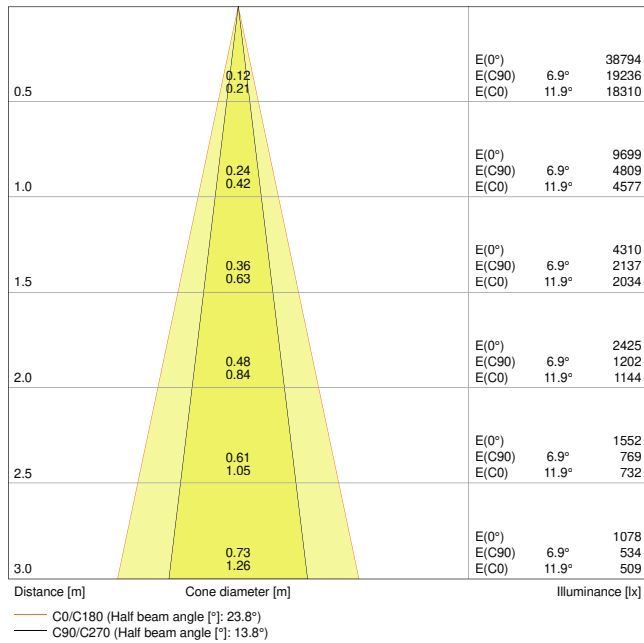
## TECHNICAL DATA

### Electrical data

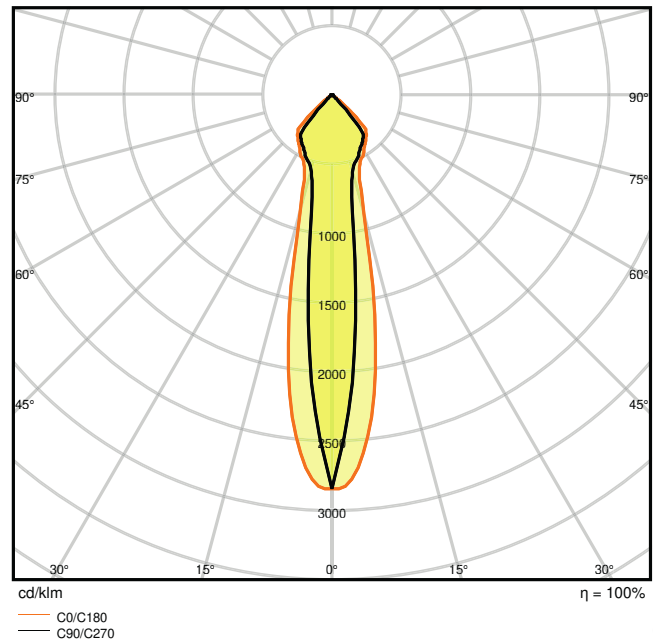
|  |                     |
|--|---------------------|
| Nominal wattage                          | 35.00 W             |
| Nominal voltage                          | 220...240 V         |
| Mains frequency                          | 50...60 Hz          |
| Nominal current                          | 850 mA              |
| Inrush current                           | 40 A                |
| Inrush current time $T_{h50}$            | 100 $\mu$ s         |
| Max. no. of lum. on circuit break. B16 A | 15                  |
| Max. no. of lum. on circuit break. C10 A | 9                   |
| Max. no. of lum. on circuit break. C16 A | 15                  |
| Power factor $\lambda$                   | > 0.90              |
| Total harmonic distortion                | 20 %                |
| Protection class                         | II                  |
| Operating mode                           | External LED driver |

### Photometrical data

|  |                      |
|--|----------------------|
| Luminous flux                                | 3350 lm              |
| Luminous efficacy                            | 95 lm/W              |
| Color temperature                            | 3000 K               |
| Light color (designation)                    | Warm White           |
| Color rendering index Ra                     | > 80                 |
| Standard deviation of color matching         | < 5 sdc <sub>m</sub> |
| Luminous intensity                           | -                    |
| Low flicker                                  | Yes                  |
| Flickering metric (Pst LM)                   | -                    |
| Stroboscope effect metric (SVM)              | -                    |
| Photobiological safety group acc. to EN62778 | RG1                  |
| Beam angle                                   | 24 °                 |



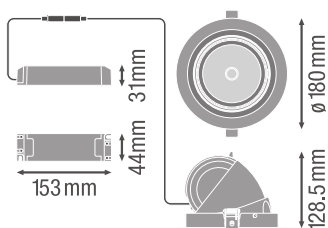
LDC typ cone



LDC typ polar

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 180.00 mm |
| Height         | 129.00 mm |
| Product weight | 1126.00 g |



Materials & Colors

|               |       |
|---------------|-------|
| Product color | White |
| Housing color | White |

|  |                               |
|--|-------------------------------|
| Body material                              | Aluminum                      |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                        |
| Mercury content                            | 0.0 mg                        |

### Application & Mounting

|  |                              |
|--|------------------------------|
| Ambient temperature range              | -20...+45 °C                 |
| Type of connection                     | Screw terminal, 2-Pole (L,N) |
| Type of protection                     | IP20                         |
| Protection class IK (shock resistance) | IK03                         |
| Dimmable                               | No                           |
| Mounting type                          | Recessed                     |
| Mounting location                      | Ceiling                      |
| Application environment                | Indoor                       |
| Mounting diameter                      | 170 mm                       |
| Mounting depth                         | 150 mm                       |
| Adjustable                             | Yes                          |
| LED module replaceable                 | Not replaceable              |
| With light source                      | Yes                          |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 45000 h <sup>1)</sup> |
| Lifespan L90/B10 at 25 °C  | 30000 h               |
| Number of switching cycles | 50000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Control gear

|              |        |
|--------------|--------|
| ECG - Length | 153 mm |
| ECG - Width  | 44 mm  |
| ECG - Height | 31 mm  |
















### Certificates & Standards

|  |                                 |
|--|---------------------------------|
| Standards  | CE / CB / ENEC / TÜV SÜD / RoHS |
| Luminaire with limited surface temperature, "D sign" | No                              |
| Ball shot safe                                       | No                              |

## EQUIPMENT / ACCESSORIES

- Driver included

## DOWNLOAD DATA

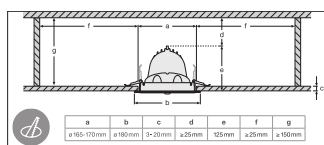
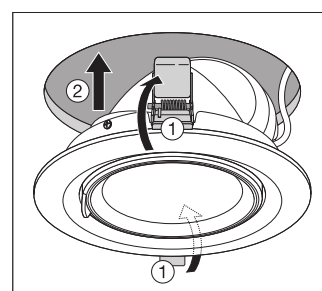
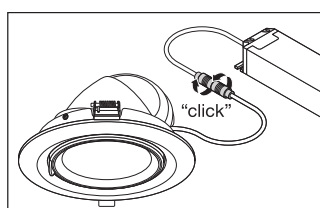
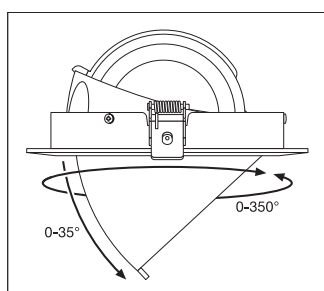
| Documents and certificates  |                                 |
|---|---------------------------------|
|     | User instruction                |
|     | Addon Technical Information     |
|     | Packaging insert                |
|     | Declarations Of Conformity CE   |
|     | Declarations Of Conformity UKCA |
| Photometric and lighting design files   |                                 |
|  | IES file (IES)                  |
|  | LDT file (Eulumdat)             |
|  | ULD file (DIALux)               |
|   | ROLF file (RELUX)               |
|  | UGR file (UGR table)            |
|   | LDC typ cone                    |
|   | LDC typ polar                   |
| CAD/BIM files   |                                 |
|   | BIM_Revit_3D                    |
|   | CAD_STEP_3D                     |
| Tender texts  |                                 |
|  | Tender documents                |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075104020 | Folding box<br>1             | 200 mm x 200 mm x 150 mm             | 1204.00 g    | 6.00 dm <sup>3</sup>  |
| 4058075104037 | Shipping box<br>4            | 415 mm x 215 mm x 320 mm             | 5560.00 g    | 28.55 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



References / Links

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

DISCLAIMER

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