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

SPOT VARIO | Recessed mounted spotlight, swivelable



PERFOR-
MANCE
CLASS

## 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
- 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°




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- Diameter of required ceiling cut out: 165...170 mm


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# TECHNICAL DATA

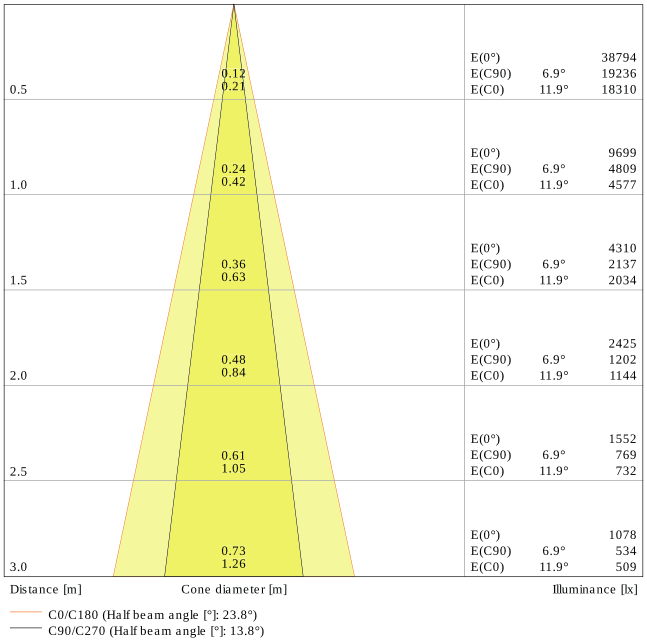
## Electrical data

| | |
|---|---|
| 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 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 15 |
| Max. number of luminaires per miniature circuit breaker C10 | 9 |
| Max. number of luminaires per miniature circuit breaker C16 | 15 |
| Power factor λ | > 0.90 |
| Maximum total harmonic distortion | 20 % |
| Protection class | II |
| Operating mode | External LED driver |

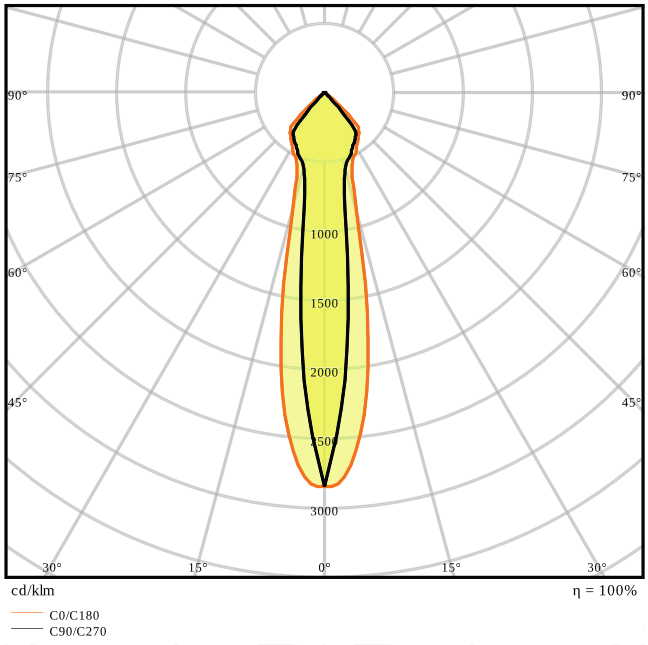
## Photometrical data

| | |
|---|---|
| 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 sdcm |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 24 ° |


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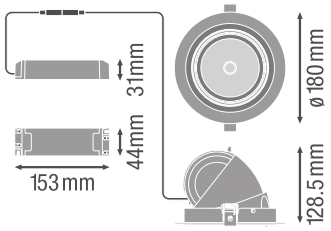

SP VARIO DN170 35W3000K 24DEG WT




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## Dimensions & Weight

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




SP VARIO DN170 35W WT

## Materials & Colors

| | |
|---|---|
| Product color | White |
| Housing color | White |
| RAL Color (most similar) | RAL 9016 |


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| | |
|---|---|
| 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 |
| Mechanically adjustable | Yes |
| With light source | Yes |
| Replaceable light source | No |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 50000 h [1)] |
| Lifespan L80/B10 at 25 °C | 45000 h [1)] |
| Lifespan L80/B50 at 25 °C | 45000 h |
| Lifespan L90/B10 at 25 °C | 30000 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

| | |
|---|---|
| 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 |


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## EQUIPMENT / ACCESSORIES

– Driver included

## Safety advice

– All electrical connections must be made by a qualified person.
– 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 | SP VARIO DN170 |
| PDF | Legal information | LSI_SP VARIO DN170 |
| PDF | Legal information | Legal Insert G11120030 |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Declarations of conformity | EU Declaration of Conformity SP Vario DN 170 35W LEDV |
| PDF | Declarations of conformity | Attestation-of-Conformity Spot Vario TÜV |
| PDF | Declarations of conformity UKCA | SP VARIO DN170 35W 24DEG WT |

| | Photometric and lighting design files | Document name |
|---|---|---|
| IES | IES file (IES) | SP VARIO DN170 35W3000K 24DEG WT |
| LDT | LDT file (Eulumdat) | SP VARIO DN170 35W3000K 24DEG WT |
| ULD | ULD file (DIALux) | SPOTVARIO17035W3000K24DEGWT |
| ROLF | ROLF file (RELUX) | SP VARIO DN170 35W-3000K |
| | UGR file (UGR table) | SP VARIO DN170 35W3000K 24DEG WT |
| | Light distribution curve type cone | SP VARIO DN170 35W3000K 24DEG WT |
| | Light distribution curve type polar | SP VARIO DN170 35W3000K 24DEG WT |


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| | CAD/BIM files | Document name |
|---|---|---|
| | BIM Revit 3D | SpotVARIO |
| | CAD STEP 3D | Spot Vario |

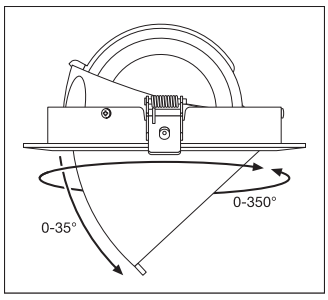
| | Tender texts | Document name |
|---|---|---|
| | Tender documents | SPOT VARIO 170 35 W 3000 K 24DEG WT-EN |

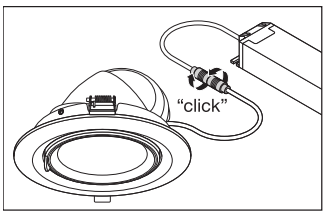
## LOGISTICAL DATA

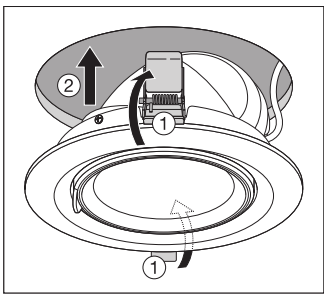
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075104020 | Folding box<br>1 | 200 mm x 200 mm x 150 mm | 1204.00 g | 6.00 $dm^3$ |
| 4058075104037 | Shipping box<br>4 | 415 mm x 215 mm x 320 mm | 5560.00 g | 28.55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

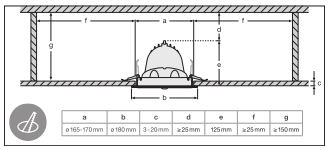
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## ADDITIONAL CATALOG INFORMATION



## References / Links

– For Guarantee see www.ledvance.com/guarantee

## DISCLAIMER

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