PRODUCT DATASHEET
SPOT VARIO DN 170 35 W 4000 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

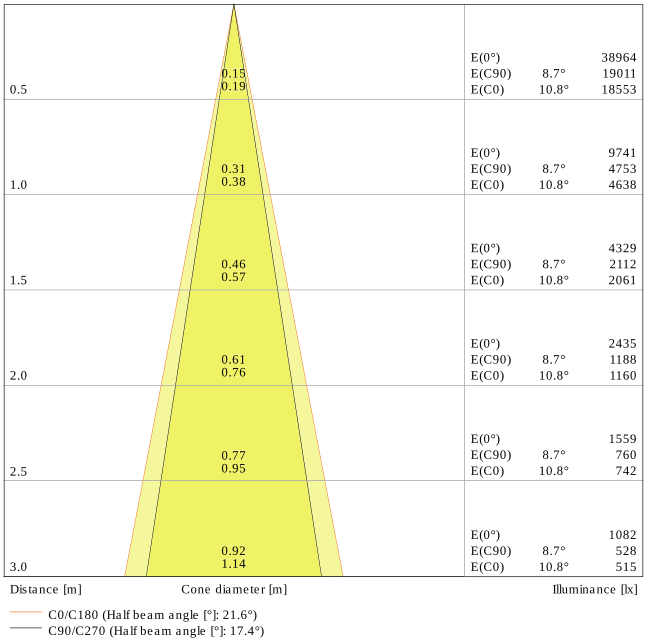
Electrical data

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

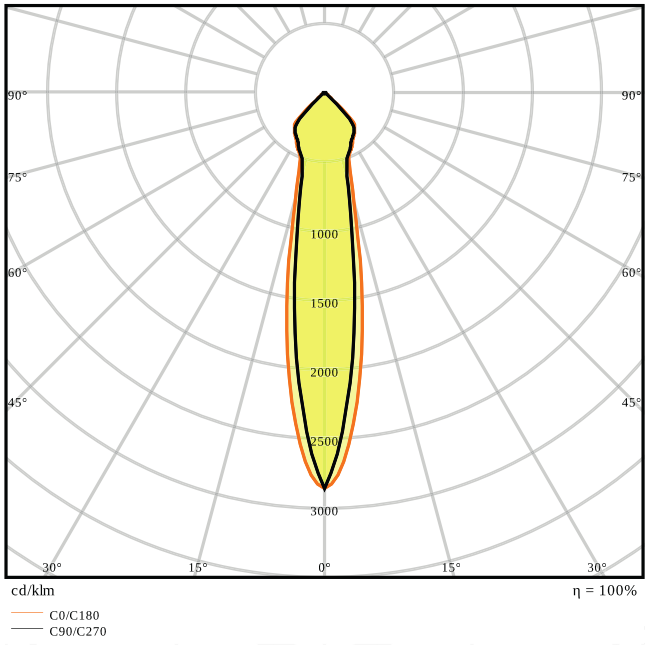
Photometrical data

Luminous flux	3550 lm
Luminous efficacy	100 lm/W
Color temperature	4000 K
Light color (designation)	Cool 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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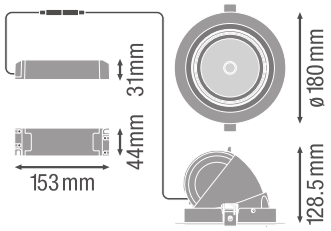
SP VARIO DN170 35W4000K 24DEG WT



SP VARIO DN170 35W4000K 24DEG WT

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	Legal Insert G11120030
PDF	Legal information	LSI_SP VARIO DN170
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 35W4000K 24DEG WT
LDT	LDT file (Eulumdat)	SP VARIO DN170 35W4000K 24DEG WT
ULD	ULD file (DIALux)	SPOTVARIO17035W4000K24DEGWT
ROLF	ROLF file (RELUX)	SP VARIO DN170 35W-4000K
	UGR file (UGR table)	SP VARIO DN170 35W4000K 24DEG WT
	Light distribution curve type cone	SP VARIO DN170 35W4000K 24DEG WT
	Light distribution curve type polar	SP VARIO DN170 35W4000K 24DEG WT

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

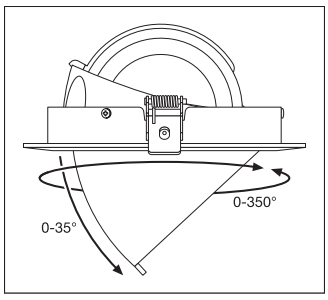
	Tender texts	Document name
	Tender documents	SPOT VARIO 170 35 W 4000 K 24DEG WT-EN

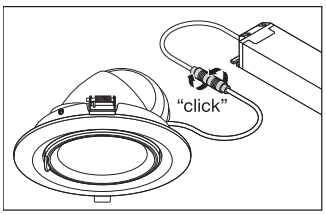
LOGISTICAL DATA

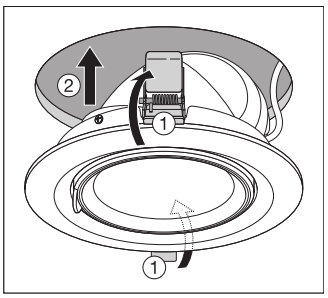
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075104044	Folding box 1	200 mm x 200 mm x 150 mm	1204.00 g	6.00 dm^3
4058075104051	Shipping box 4	415 mm x 215 mm x 320 mm	5580.00 g	28.55 dm^3

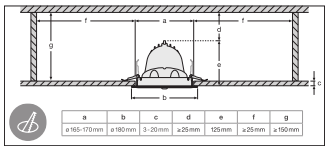
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION









References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

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