

# PRODUCT DATASHEET

## SPOT ADJUST 4.50 W 3000 K WT

SPOT ADJUST | Recessed mounted spotlight, adjustable, round shape



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### Areas of application

- Replacement of halogen lamp spotlights
- General illumination
- Hotel rooms
- Bars, restaurants
- Accent lighting
- Galleries, museums
- Residential interiors

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### Product benefits

- High luminous efficacy
- Design matches the LEDVANCE DOWNLIGHT luminaire family
- Energy savings of up to 90 % compared to halogen lamp spotlights
- Functional and minimalistic design
- Easy and quick installation
- External driver for extended flexibility (compatible with selected DALI drivers)
- 5 years guarantee

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### Product features

- Initial color consistency:  $\leq 4$  SDCM
- Housing material: aluminum
- Lens material: PMMA

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## TECHNICAL DATA

### Electrical data

Nominal wattage	4.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	20 mA
Max. number of luminaires per miniature circuit breaker B16	37
Max. number of luminaires per miniature circuit breaker C10	30
Max. number of luminaires per miniature circuit breaker C16	48
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Electronic control gear (ECG)

### Photometrical data

Luminous flux	360 lm
Luminous efficacy	80 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 4$ sdc
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	36 °

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4058075000124 Spot LED adjust 4.5W 3000K 230V IP20

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SP LED ADJUST4,5W-3000K 230V IP20

### Dimensions & Weight

Diameter	80.00 mm
Height	36.00 mm
Product weight	189.00 g

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707993\_LEDVANCE Spot LED  
adjust 4W and 6W

### Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Light emitting surface material	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)	IK06
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	90 mm
Adjustable	Yes
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	40000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	100000

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

### Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
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




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


Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

### Additional product data

BEG subsidy	No
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### DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	SPOT LED
	On-Pack-Info	Legal Insert Spot LED
	Legal information	LSI SPOT LED ADJUST AND LED FIX
	Declarations of conformity	Attestation-of-Conformity-Spot LED -Fix-Adjust +Downlight LED TÜV
	Declarations of conformity UKCA	SPOT LED

	Photometric and lighting design files	Document name
	IES file (IES)	SP LED ADJUST 4,5W-3000K 230V IP20
	LDT file (Eulumdat)	SP LED ADJUST 4,5W-3000K 230V IP20
	ULD file (DIALux)	SPOTADJUST4W3000KWT
	ROLF file (RELUX)	SPOT LED ADJUST4,5W-3000K
	UGR file (UGR table)	4058075000124 Spot LED adjust 4.5W 3000K 230V IP20
	Light distribution curve type cone	4058075000124 Spot LED adjust 4.5W 3000K 230V IP20
	Light distribution curve type polar	SP LED ADJUST4,5W-3000K 230V IP20

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075126886	Folding box 1	110 mm x 105 mm x 65 mm	259.00 g	0.75 dm <sup>3</sup>
4058075126893	Shipping box 30	575 mm x 230 mm x 225 mm	8195.00 g	29.76 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



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## References / Links

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

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

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