

# PRODUCT DATASHEET

## SPOT ADJUST 6.50 W 3000 K WT

SPOT ADJUST | Recessed mounted spotlight, adjustable, round shape



PERFOR-  
MANCE  
CLASS

### Areas of application

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

### 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

### Product features

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





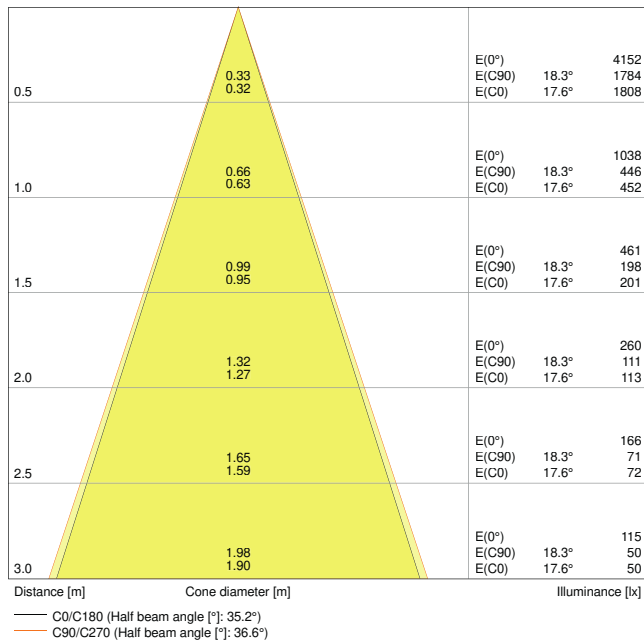
## TECHNICAL DATA

### Electrical data

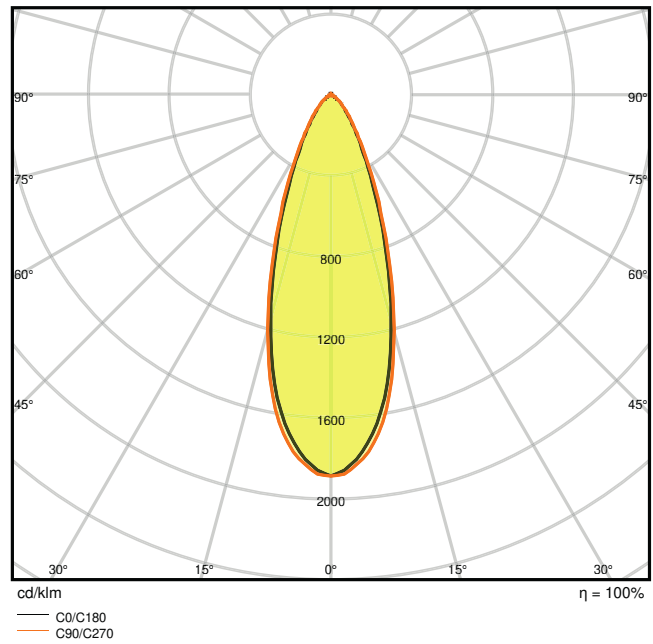
Nominal wattage	6.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	28 mA
Max. number of luminaires per miniature circuit breaker B16	32
Max. number of luminaires per miniature circuit breaker C10	26
Max. number of luminaires per miniature circuit breaker C16	41
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Electronic control gear (ECG)

### Photometrical data

Luminous flux	550 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 4$ sdc <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	36 °



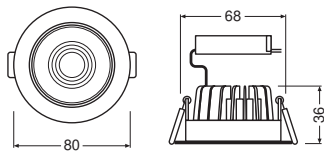
4058075000148 Spot LED adjust 6.5W 3000K 230V IP20



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Dimensions & Weight

Diameter	80.00 mm
Height	36.00 mm
Product weight	189.00 g



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
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	40000 h <sup>1)</sup>
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
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

### DOWNLOAD DATA

Documents and certificates	Document name
 User instruction	SPOT LED
 Addon Technical Information	LSI SPOT LED ADJUST AND LED FIX

Documents and certificates		Document name
	On-Pack-Info	Legal Insert Spot LED
	Declarations Of Conformity CE	Attestation-of-Conformity-Spot LED -Fix-Adjust +Downlight LED TÜV
	Declarations Of Conformity UKCA	SPOT LED

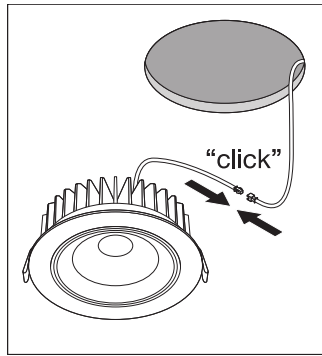
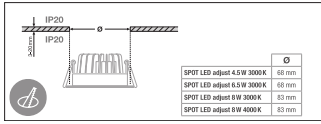
Photometric and lighting design files		Document name
	IES file (IES)	Spot LED adjust 6.5W 3000K 230V IP20
	LDT file (Eulumdat)	Spot LED adjust 6.5W 3000K 230V IP20
	ULD file (DIALux)	SPOTADJUST6W3000KWT
	ROLF file (RELUX)	SPOT LED ADJUST 6,5W 3000K
	UGR file (UGR table)	4058075000148 Spot LED adjust 6.5W 3000K 230V IP20
	LDC typ cone	4058075000148 Spot LED adjust 6.5W 3000K 230V IP20
	LDC typ polar	4058075000148 Spot LED adjust 6.5W 3000K 230V IP20

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075126909	Folding box 1	110 mm x 105 mm x 65 mm	259.00 g	0.75 dm <sup>3</sup>
4058075126916	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**



## References / Links

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

## DISCLAIMER

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