

PRODUCT DATASHEET

SPOT ADJUST 8 W 4000 K WT

SPOT ADJUST | Recessed mounted spotlight, adjustable, round shape



PERFORMANCE
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: ≤ 4 SDCM
- Housing material: aluminum
- Lens material: PMMA

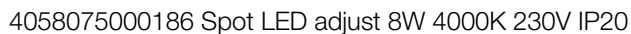
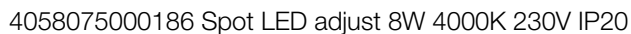


TECHNICAL DATA**Electrical data**

Nominal wattage	8.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	35 mA
Max. number of luminaires per miniature circuit breaker B16	31
Max. number of luminaires per miniature circuit breaker C10	25
Max. number of luminaires per miniature circuit breaker C16	40
Power factor λ	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	720 lm
Luminous efficacy	90 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 4 sdc _m
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 °



Technical drawing of the LEDVANCE Spot LED light fixture. The top view shows a circular fixture with a diameter of 90. The side view shows a height of 83 and a mounting bracket height of 47.

707987_LEDVANCE Spot LED
adjust 8W

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
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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	83 mm
Mounting depth	90 mm
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	40000 h ¹⁾
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	100000

¹⁾ 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
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	SPOT LED

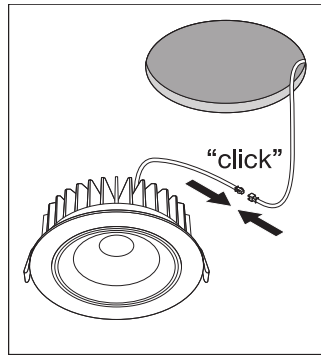
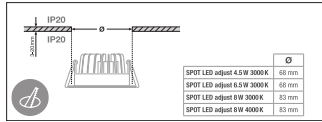
Documents and certificates		Document name
	On-Pack-Info	Legal Insert Spot LED
	Legal information	LSI SPOT LED ADJUST AND LED FIX
	Declarations of conformity	Attestation-of-Conformity-Spot LED -Fix-Adjust +Downlight LED TÜV
	Declarations of conformity UKCA	SPOT LED
Photometric and lighting design files		Document name
	IES file (IES)	Spot LED adjust 8W 4000K 230V IP20
	LDT file (Eulumdat)	Spot LED adjust 8W 4000K 230V IP20
	ULD file (DIALux)	SPOTADJUST8W4000KWT
	ROLF file (RELUX)	SPOT LED ADJUST 8W-4000K
	UGR file (UGR table)	4058075000186 Spot LED adjust 8W 4000K 230V IP20
	Light distribution curve type cone	4058075000186 Spot LED adjust 8W 4000K 230V IP20
	Light distribution curve type polar	4058075000186 Spot LED adjust 8W 4000K 230V IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075126862	Folding box 1	105 mm x 100 mm x 85 mm	292.00 g	0.89 dm ³
4058075126879	Shipping box 20	550 mm x 220 mm x 200 mm	6225.00 g	24.20 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.