

# PRODUCT DATASHEET

## SPOT FP FIX DIM 8 W 4000 K IP65/IP20 SI

Starters for single operation at 230 V AC ( ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



### Areas of application

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

### 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 installation with fast connection
- External driver for extended flexibility (compatible with selected dim. drivers)
- Designed for extra IP protection
- 5 years guarantee

### Product features

- Fire-resistant (up to 90 minutes, tested in accordance with EN 1365-2:2014 'fire resistance tests for loadbearing elements - Part 2: Floors and roofs')



- Outdoor use and fire-resistant (up to 90 minutes, BS476-20:1987 and BS476-21:1987)
- Compatible with standard ceiling cutouts of 68 mm
- Initial color consistency:  $\leq 4$  SDCM
- Type of protection, front side: IP65

TECHNICAL DATA

Electrical data

Nominal wattage	8.00 W
Nominal voltage	220...240 V
Operating mode	Electronic control gear (ECG)
Nominal current	170 mA
Type of current	AC
Mains frequency	50...60 Hz
Total harmonic distortion	20 %
Power factor $\lambda$	> 0.90

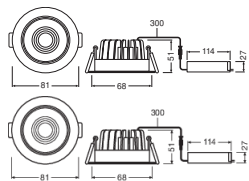
Photometrical data

Luminous flux	670 lm
Luminous efficacy	80 lm/W
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	> 80
Light color	840
Standard deviation of color matching	$\leq 4$ sdcm

Light technical data

Beam angle	36 °
Starting time	< 0.2 s

Dimensions & Weight



Diameter	81.00 mm
Product weight	269.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
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)

### Additional product data

Mercury content	0.0 mg
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### Capabilities

Dimmable	Yes
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### Certificates & Standards

Type of protection	IP65/IP20
Standards	CE / CB / TÜV SÜD / EAC / RoHS
Photobiological safety group acc. to EN62778	RG0

### Country-specific categorizations

Order reference	SPOTFP LED FIX
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### Energy labelling regulation data acc EU 2019/2015







Height	51.00 mm
Width	81.00 mm

### Safety advice

- Coordination with your responsible fire safety inspector is required in advance
- 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
 User instruction / safety instructions	User Instruction Spot LED DIM
 On-Pack-Info	Legal Insert Spot LED

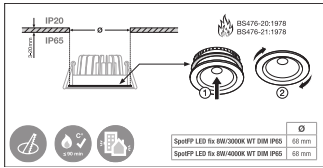
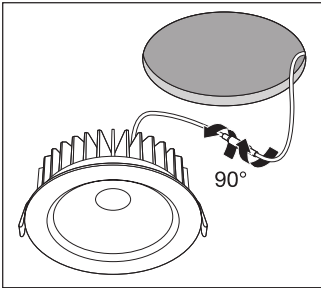
Documents and certificates		Document name
	Declarations of conformity	Attestation-of-Conformity-Spot LED -Fix DIM +Downlight LED 35W TÜV
Photometric and lighting design files		Document name
	IES file (IES)	SpotFP LED fix 8W 4000K SI DIM IP65
	LDT file (Eulumdat)	SpotFP LED fix 8W 4000K SI DIM IP65
	UGR file (UGR table)	4058075811232 SpotFP LED fix 8W 4000K SI DIM IP65
	Light distribution curve type cone	4058075811232 SpotFP LED fix 8W 4000K SI DIM IP65
	Light distribution curve type polar	4058075811232 SpotFP LED fix 8W 4000K SI DIM IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075811232	Folding box 1	142 mm x 102 mm x 112 mm	336.00 g	1.62 dm <sup>3</sup>
4058075811249	Shipping box 27	440 mm x 320 mm x 360 mm	9485.00 g	50.69 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

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