

# PRODUCT DATASHEET

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

SPOT FIREPROOF DIM | Recessed mounted spotlight, round shape, fire-resistant, dimmable



### Areas of application

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

### 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
Operating mode	Electronic control gear (ECG)
Nominal voltage	220...240 V
Nominal current	170 mA
Power factor $\lambda$	> 0,90
Max. no. of lum. on circuit break. B16 A	200
Max. no. of lum. on circuit break. C10 A	100
Max. no. of lum. on circuit break. C16 A	200
Total harmonic distortion	20 %

**Luminaire control gear data**

ECG - Length	120 mm
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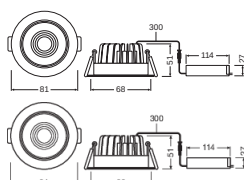
**Photometrical data**

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

**Light technical data**

Beam angle	36 °
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**Dimensions & weight**



Diameter	81.00 mm
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Height	51.00 mm
Mounting diameter	68 mm
Product weight	269.00 g

### Colors & materials

Body material	Aluminum
Product color	Silver
Housing color	Silver
Light emitting surface material	PMMA

### Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Temperature range in operation	-20...+45 °C

### Lifespan

Number of switching cycles	100000
Lifespan	30000 h
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	20000 h

### Additional product data

Mounting type	Recessed
Mounting location	Ceiling

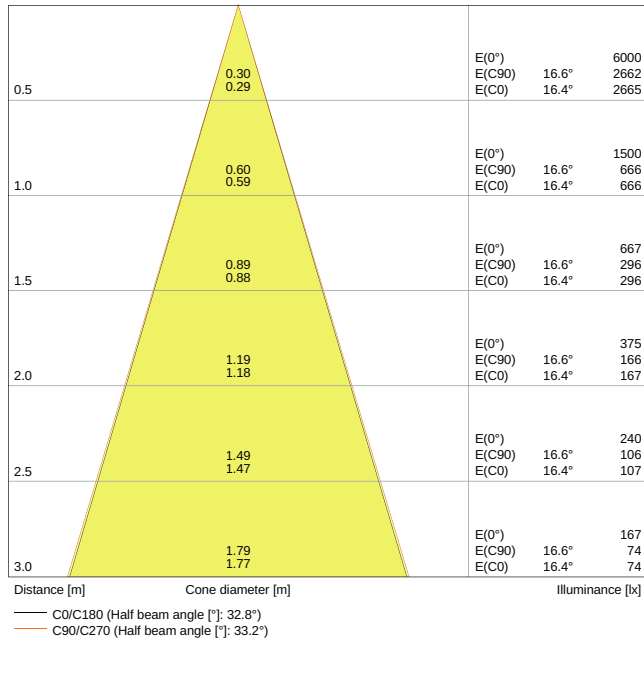
### Capabilities

Dimmable	Yes
Type of connection	Screw terminal, 2-Pole (L,N)
LED module replaceable	Not replaceable

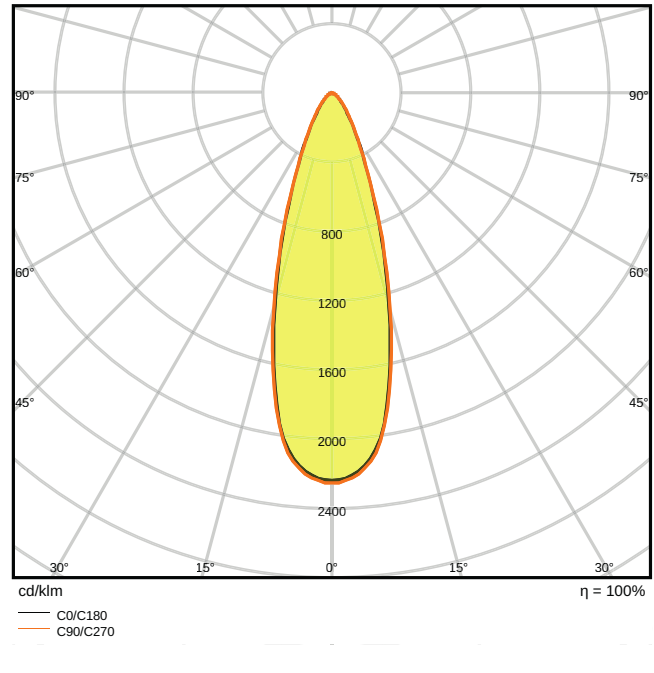
### Certificates & standards

Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group acc. to EN62471	RG0
Protection class	II
Type of protection	IP65/IP20
Ball shot safe	No
Standards	CE / CB / TÜV SÜD / EAC / RoHS





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### Safety advice







- Coordination with your responsible fire safety inspector is required in advance

### DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction User Instruction Spot LED DIM
	PRODUCT DATASHEET SPOT LED 68 8 W 4000 K IP65 FP DIM SI
	Tender documents Tender Text 4058075127494
	Certificates EAEC N RU D-DE.MYu62.B.02016 20 14.07.2020-13.07.2025
	Declarations of conformity Attestation-of-Conformity-Spot LED -Fix DIM +Downlight LED 35W TÜV



**DOWNLOAD DATA**

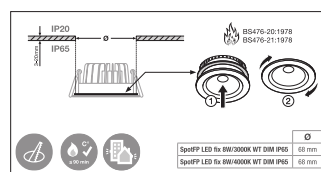
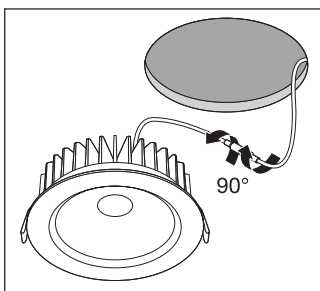
	On-Pack-Info Legal Insert Spot LED
	IES file (IES) SpotFP LED fix 8W 4000K SI DIM IP65
	LDT file (Eulumdat) SpotFP LED fix 8W 4000K SI DIM IP65
	M3D file (3D Model) Spot LED Fireproof.m3d
	ULD file (DIALux) SPOTFIREPROOFDIM8W4000KIP65SI
	UGR file (UGR table) 4058075811232 SpotFP LED fix 8W 4000K SI DIM IP65

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075127494	Folding box 1	142 mm x 102 mm x 112 mm	355.00 g	1.62 dm <sup>3</sup>
4058075127500	Shipping box 27	440 mm x 320 mm x 360 mm	10110.00 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.

