PRODUCT DATASHEET
SPOT FP FIX DIM 8 W 3000 K IP65/IP20 WT

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

GERMAN DESIGN AWARD NOMINEE 2019

PERFOR-MANCE CLASS

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')

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- 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: ≤ 4 SDCM
- Type of protection, front side: IP65

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TECHNICAL DATA

Electrical data

Nominal wattage	8.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	170 mA
Max. number of luminaires per miniature circuit breaker B16	200
Max. number of luminaires per miniature circuit breaker C10	100
Max. number of luminaires per miniature circuit breaker C16	200
Power factor λ	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	620 lm
Luminous efficacy	75 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤4 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	36 °

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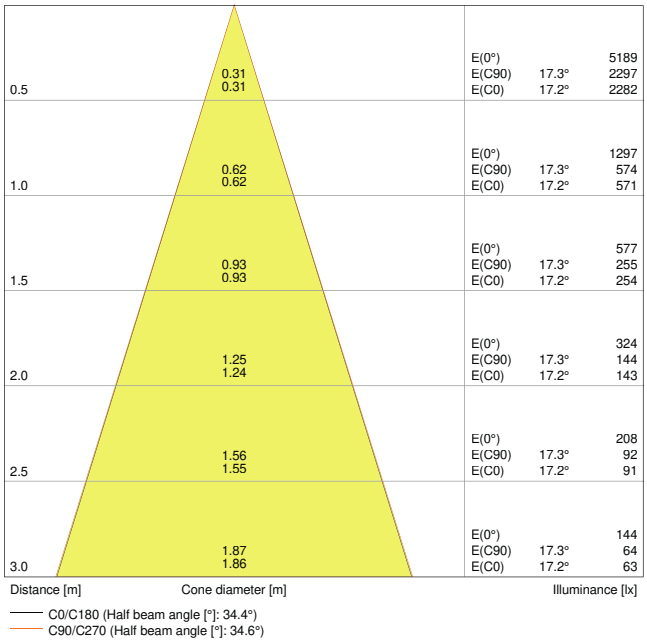
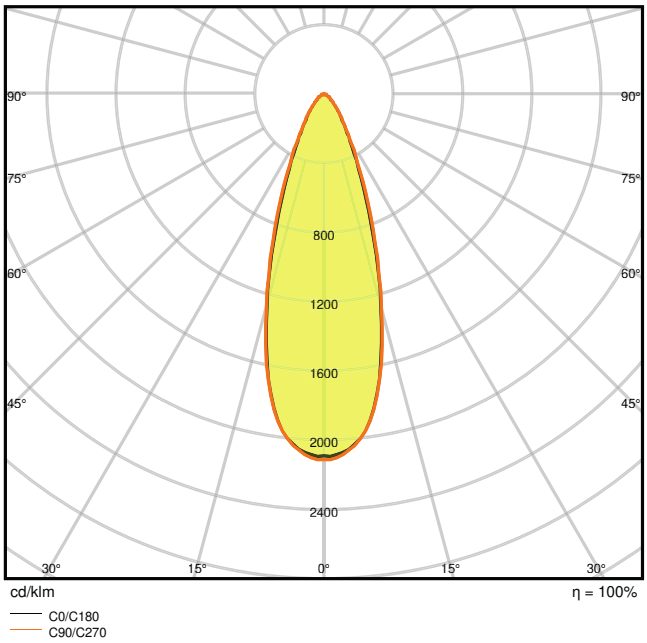


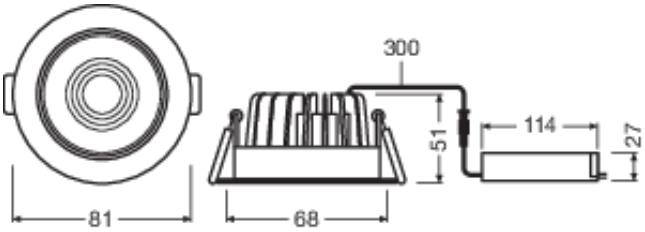
4058075811171 SpotFP LED fix 8W 3000K WT DIM IP65



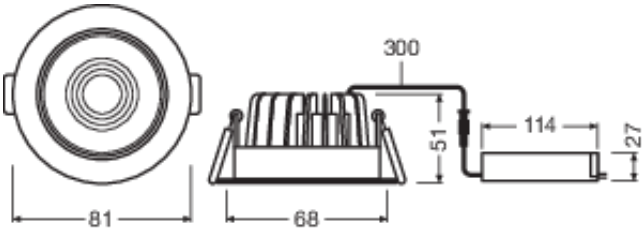
4058075811171 SpotFP LED fix 8W 3000K WT DIM IP65

Dimensions & Weight

Diameter	81.00 mm
Height	51.00 mm
Product weight	269.00 g



Spot LED DIM 8W mn k



Spot FP LED DIM 8W mn k

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum

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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	IP65/IP20
Protection class IK (shock resistance)	IK06
Dimmable	Yes
Type of dimming	LEA/TR.EDG
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	90 mm
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)

Control gear

ECG - Length	120 mm
ECG - Height	35 mm

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

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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
PDF	User instruction / safety instructions	User Instruction Spot LED DIM
PDF	On-Pack-Info	Legal Insert Spot LED
PDF	Legal information	LSI SPOTFP LED FIX AND SPOT LED FIX
PDF	Declarations of conformity	Attestation-of-Conformity-Spot LED -Fix DIM +Downlight LED 35W TÜV
PDF	Declarations of conformity	CE Declaration_Spot FP LED fix_Spot LED fix
PDF	Declarations of conformity UKCA	SPOTFP LED FIX 8W DIM

	Photometric and lighting design files	Document name
IES	IES file (IES)	SpotFP LED fix 8W 3000K WT DIM IP65
LDT	LDT file (Eulumdat)	SpotFP LED fix 8W 3000K WT DIM IP65
ULD	ULD file (DIALux)	SPOTFIREPROOFDIM8W3000KIP65WT
ROLF	ROLF file (RELUX)	SPOTFP LED FIX 8W-3000K
	UGR file (UGR table)	4058075811171 SpotFP LED fix 8W 3000K WT DIM IP65
	Light distribution curve type cone	4058075811171 SpotFP LED fix 8W 3000K WT DIM IP65
	Light distribution curve type polar	4058075811171 SpotFP LED fix 8W 3000K WT DIM IP65

LOGISTICAL DATA

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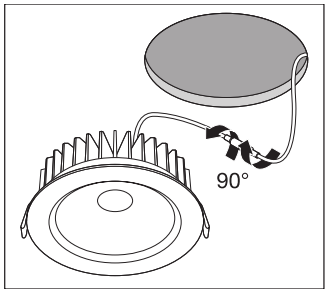
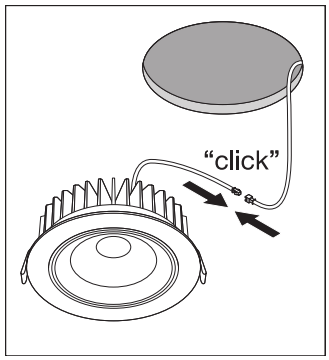
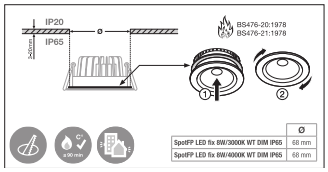
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075127432	Folding box 1	142 mm x 102 mm x 112 mm	355.00 g	1.62 dm^3
4058075190641	Folding box 1	142 mm x 102 mm x 112 mm	355.00 g	1.62 dm^3
4058075127449	Shipping box 27	440 mm x 320 mm x 360 mm	10110.00 g	50.69 dm^3
4058075190658	Shipping box 27	440 mm x 320 mm x 360 mm	10110.00 g	50.69 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.

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