

PRODUCT DATASHEET

SPOT FIX DIM 8 W 3000 K IP44/IP20 WT

SPOT DIM | Recessed mounted spotlight, round shape, dimmable



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: ≤ 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	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	20 %
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 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	36 °



Technical drawing of the 1000 Series LED module. The top view shows a circular module with a diameter of 94. The side view shows a module with a width of 60, a height of 51, and a total length of 300. A detail view of the LED chip shows a width of 114 and a height of 27.

Spot LED DIM 8W mn k

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	IP44/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

Safety advice

- 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

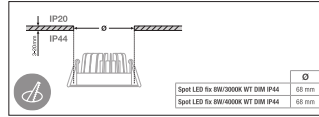
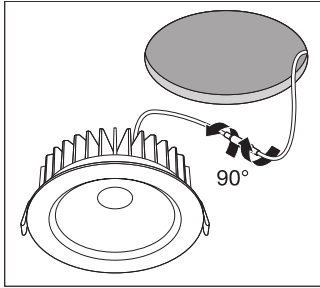
Documents and certificates		Document name
	User instruction / safety instructions	User Instruction Spot LED DIM
	On-Pack-Info	Legal Insert Spot LED
	Legal information	LSI SPOTFP LED FIX AND SPOT LED FIX
	Declarations of conformity	Attestation-of-Conformity-Spot LED -Fix DIM +Downlight LED 35W TÜV
	Declarations of conformity	CE Declaration_Spot FP LED fix_Spot LED fix
	Declarations of conformity UKCA	SPOTFP LED FIX 8W DIM
Photometric and lighting design files		Document name
	IES file (IES)	Spot LED fix 8W 3000K WT DIM IP44
	LDT file (Eulumdat)	Spot LED fix 8W 3000K WT DIM IP44
	ULD file (DIALux)	SPOTDIM8W3000KIP44WT
	ROLF file (RELUX)	SPOT LED FIX 8W-3000K
	Light distribution curve type cone	4058075811256 Spot LED fix 8W 3000K WT DIM IP44
	Light distribution curve type polar	4058075811256 Spot LED fix 8W 3000K WT DIM IP44

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075127043	Folding box 1	142 mm x 102 mm x 112 mm	354.00 g	1.62 dm ³
4058075127050	Shipping box 27	440 mm x 320 mm x 360 mm	10083.00 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.