

# PRODUCT DATASHEET

## SPOT DK FIX 7 W 3000 K IP44/IP20 WT

SPOT DARKLIGHT | Recessed mounted spotlight, round shape, Darklight with cut-off



PERFOR-  
MANCE  
CLASS

### Areas of application

- Replacement of conventional 50 W halogen spotlights
- Hotel rooms
- Bars, restaurants
- Bathrooms
- Shelf and undercabinet lighting
- Galleries, museums
- General illumination

### Product benefits

- 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 performance
- 70° cut off angle - perfect for shelf lighting
- 5 years guarantee

### Product features

- Luminous efficacy: 85 lm/W
- Luminous flux: 580 lm



- Diameter of required ceiling cut-out: 63 mm
- Color temperature: 3,000 K
- Initial color consistency:  $\leq 4$  SDCM
- Beam angle: 36°
- Type of protection, front side: IP44

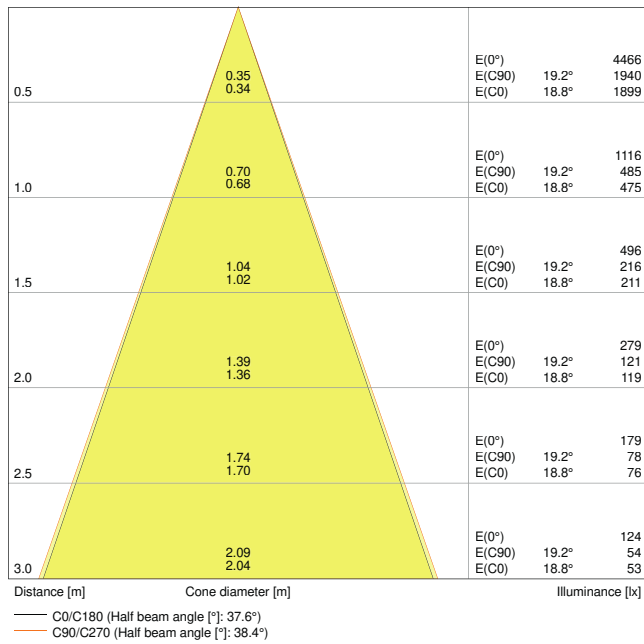
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**TECHNICAL DATA****Electrical data**

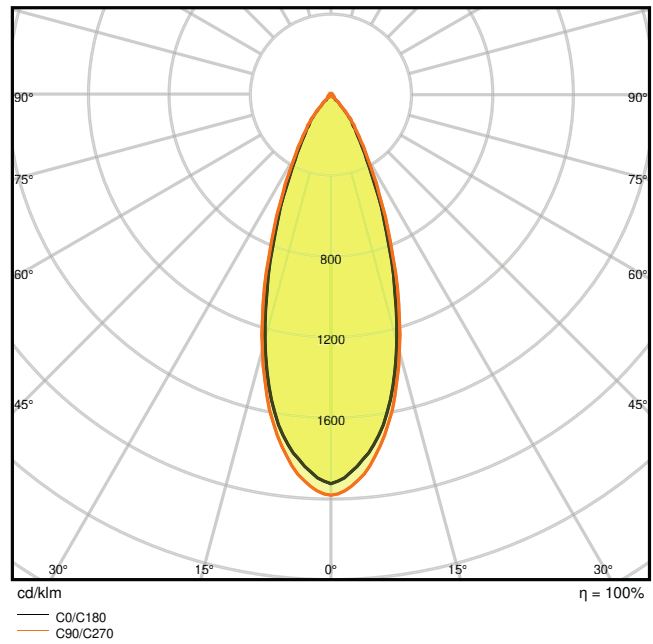
Nominal wattage	7.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	30 mA
Max. number of luminaires per miniature circuit breaker B16	32
Max. number of luminaires per miniature circuit breaker C10	25
Max. number of luminaires per miniature circuit breaker C16	40
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	Electronic control gear (ECG)

**Photometrical data**

Luminous flux	580 lm
Luminous efficacy	85 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	$\leq 4$ sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	36 °



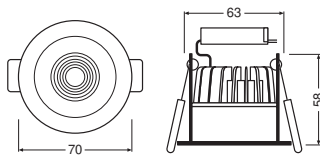
4058075000223 Spot-DK LED fix 7W 3000K 230V IP44



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Dimensions & Weight

Diameter	70.00 mm
Height	58.00 mm
Product weight	200.00 g



707989\_LEDVANCE Spot-DK LED  
fix 7W

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	No
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	63 mm
Mounting depth	90 mm
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan



Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	40000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	20000 h
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)

### Certificates & Standards








Standards	CE / CB / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

### DOWNLOAD DATA

Documents and certificates	Document name
 User Instruction / Safety Instructions	SPOT LED
 On-Pack-Info	Legal Insert Spot LED

Documents and certificates		Document name
	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

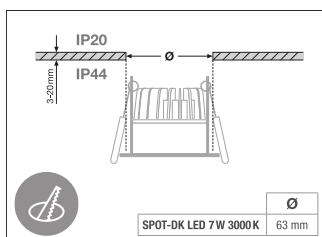
Photometric and lighting design files		Document name
	IES file (IES)	Spot-DK LED fix 7W 3000K 230V IP44
	LDT file (Eulumdat)	Spot-DK LED fix 7W 3000K 230V IP44
	ULD file (DIALux)	SPOTDARKLIGHT7W3000KIP44WT
	ROLF file (RELUX)	SPOTDK LED FIX 7W-3000K
	UGR file (UGR table)	4058075000223 Spot-DK LED fix 7W 3000K 230V IP44
	LDC typ cone	4058075000223 Spot-DK LED fix 7W 3000K 230V IP44
	LDC typ polar	4058075000223 Spot-DK LED fix 7W 3000K 230V IP44

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075127166	Folding box 1	105 mm x 100 mm x 85 mm	268.00 g	0.89 dm <sup>3</sup>
4058075127173	Shipping box 20	550 mm x 220 mm x 200 mm	5745.00 g	24.20 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



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## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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## DISCLAIMER

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