



# PRODUCT FAMILY DATASHEET

## LEDVANCE SPOT LED FIREPROOF

### LED spotlight luminaires



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#### AREAS OF APPLICATION

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

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#### 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

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#### 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

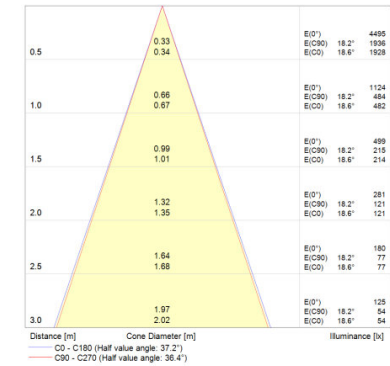
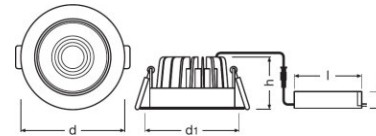
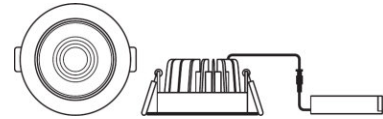
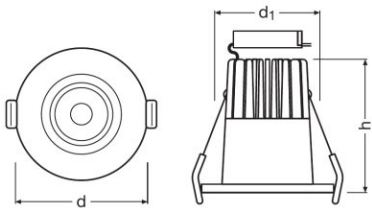
**TECHNICAL DATA**

Product description	Electrical data					Photometrical data					Light technical data
	Operating mode	Nominal wattage	Nominal voltage	Mains frequency	Power factor λ	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Standard deviation of color matching	Beam angle
SPOT LED 68 7 W 3000 K IP65 FP WT	Electronic control gear (ECG)	7.00 W	220...240 V	50/60 Hz	>0.90	3000 K	530 lm	Warm White	>80	≤4 sdc <sub>m</sub>	38.00 °
SPOT LED 68 8 W 3000 K IP65 FP DIM WT	Electronic control gear (ECG)	8.00 W	220...240 V	50/60 Hz	>0.90	3000 K	620 lm	Warm White	>80	≤4 sdc <sub>m</sub>	36 °
SPOT LED 68 8 W 4000 K IP65 FP DIM WT	Electronic control gear (ECG)	8.00 W	220...240 V	50/60 Hz	>0.90	4000 K	670 lm	Cool White	>80	≤4 sdc <sub>m</sub>	36 °
SPOT LED 68 8 W 3000 K IP65 FP DIM SI	Electronic control gear (ECG)	8.00 W	220...240 V	50/60 Hz	>0.90	3000 K	620 lm	Warm White	>80	≤4 sdc <sub>m</sub>	36 °
SPOT LED 68 8 W 4000 K IP65 FP DIM SI	Electronic control gear (ECG)	8.00 W	220...240 V	50/60 Hz	>0.90	4000 K	670 lm	Cool White	>80	≤4 sdc <sub>m</sub>	36 °

Product description	Dimensions & weight			Colors & materials		Temperatures & operating conditions	Lifespan	
	Diameter	Height	Mounting diameter	Body material	Product color	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C
SPOT LED 68 7 W 3000 K IP65 FP WT	90.0 mm	72.0 mm	68 mm	Aluminum	White	-20...45 °C	50000 h	40000 h
SPOT LED 68 8 W 3000 K IP65 FP DIM WT	81.0 mm	51.0 mm	68 mm	Aluminum	White	-20...45 °C	50000 h	40000 h
SPOT LED 68 8 W 4000 K IP65 FP DIM WT	81.0 mm	51.0 mm	68 mm	Aluminum	White	-20...45 °C	50000 h	40000 h
SPOT LED 68 8 W 3000 K IP65 FP DIM SI	81.0 mm	51.0 mm	68 mm	Aluminum	Silver	-20...45 °C	50000 h	40000 h
SPOT LED 68 8 W 4000 K IP65 FP DIM SI	81.0 mm	51.0 mm	68 mm	Aluminum	Silver	-20...45 °C	50000 h	40000 h

Product description	Lifespan L90 at 25 °C	Number of switching cycles	Capabilities		Certificates & standards		
			Dimmable	Type of connection	Protection class	Type of protection	Protection class IK (shock resistance)
SPOT LED 68 7 W 3000 K IP65 FP WT	20000 h	100000	No	Terminal, 2-pin	II	IP65	IK06
SPOT LED 68 8 W 3000 K IP65 FP DIM WT	20000 h	100000	Yes	Terminal, 2-Pole (L, N)	II	IP65	IK06
SPOT LED 68 8 W 4000 K IP65 FP DIM WT	20000 h	100000	Yes	Terminal, 2-Pole (L, N)	II	IP65	IK06
SPOT LED 68 8 W 3000 K IP65 FP DIM SI	20000 h	100000	Yes	Terminal, 2-Pole (L, N)	II	IP65	IK06
SPOT LED 68 8 W 4000 K IP65 FP DIM SI	20000 h	100000	Yes	Terminal, 2-Pole (L, N)	II	IP65	IK06

Product description	Standards
SPOT LED 68 7 W 3000 K IP65 FP WT	CE/CB/TÜV SÜD/EAC/RoHS
SPOT LED 68 8 W 3000 K IP65 FP DIM WT	CE/CB/TÜV SÜD/EAC/RoHS
SPOT LED 68 8 W 4000 K IP65 FP DIM WT	CE/CB/TÜV SÜD/EAC/RoHS
SPOT LED 68 8 W 3000 K IP65 FP DIM SI	CE/CB/TÜV SÜD/EAC/RoHS
SPOT LED 68 8 W 4000 K IP65 FP DIM SI	CE/CB/TÜV SÜD/EAC/RoHS

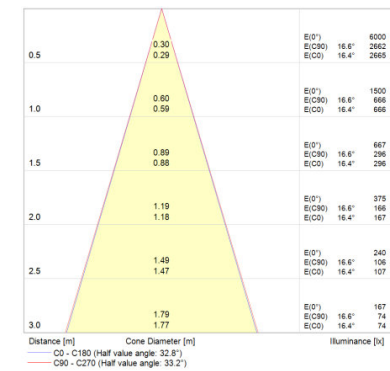
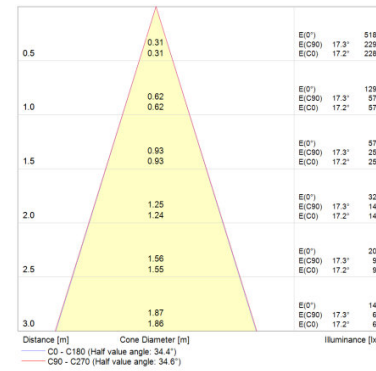
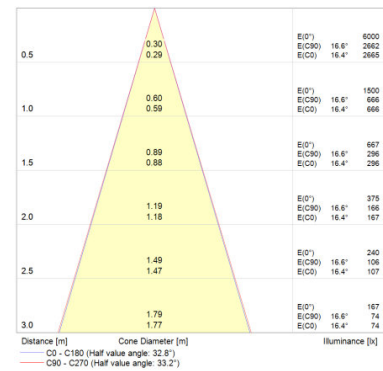
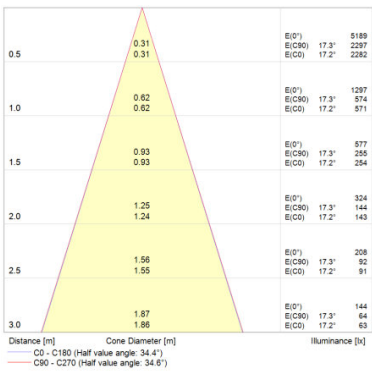


SPOT LED 68 7 W 3000 K IP65 FP WT

SPOT LED 68 8 W 4000 K IP65 FP DIM WT

SPOT LED 68 8 W 3000 K IP65 FP DIM SI, SPOT LED 68 8 W 4000 K IP65 FP DIM SI

SPOT LED 68 7 W 3000 K IP65 FP WT



SPOT LED 68 8 W 3000 K IP65 FP DIM WT

SPOT LED 68 8 W 4000 K IP65 FP DIM WT

SPOT LED 68 8 W 3000 K IP65 FP DIM SI

SPOT LED 68 8 W 4000 K IP65 FP DIM SI

**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.

**LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075000209	SPOT LED 68 7 W 3000 K IP65 FP WT	Shipping carton box 20	525 mm x 400 mm x 250 mm	52.50 dm <sup>3</sup>	8289.00 g
4058075811171	SPOT LED 68 8 W 3000 K IP65 FP DIM WT	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.11 g
4058075811195	SPOT LED 68 8 W 4000 K IP65 FP DIM WT	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.11 g
4058075811218	SPOT LED 68 8 W 3000 K IP65 FP DIM SI	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.11 g
4058075811232	SPOT LED 68 8 W 4000 K IP65 FP DIM SI	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.11 g

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.

**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.