

# PRODUCT FAMILY DATASHEET

## LEDVANCE SPOT LED

### LED spotlight luminaires



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#### AREAS OF APPLICATION

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

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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 and quick installation
- External driver for extended flexibility (compatible with selected DALI drivers)
- 3 years guarantee

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#### PRODUCT FEATURES

- Initial color consistency:  $\leq 4$  SDCM
- Housing material: aluminum
- Lens material: PMMA



TECHNICAL DATA

Product description	Electrical data					Photometrical data					Light technical data
	Operating mode	Nominal wattage	Nominal voltage	Mains frequency	Power factor $\lambda$	Color temperature	Luminous flux	Light color (designation)	Color rendering index Ra	Standard deviation of color matching	Beam angle
SPOT LED 68 4 W 3000 K IP20 ADJ WT	Electronic control gear (ECG)	4.50 W	220...240 V	50/60 Hz	>0.90	3000 K	360 lm	Warm White	>80	≤4 sdcn	36 °
SPOT LED 68 6 W 3000 K IP20 ADJ WT	Electronic control gear (ECG)	6.50 W	220...240 V	50/60 Hz	>0.90	3000 K	550 lm	Warm White	>80	≤4 sdcn	36 °
SPOT LED 83 8 W 3000 K IP20 ADJ WT	Electronic control gear (ECG)	8.00 W	220...240 V	50/60 Hz	>0.90	3000 K	660 lm	Warm White	>80	≤4 sdcn	36 °
SPOT LED 83 8 W 4000 K IP20 ADJ WT	Electronic control gear (ECG)	8.00 W	220...240 V	50/60 Hz	>0.90	4000 K	720 lm	Cool White	>80	≤4 sdcn	36 °
SPOT LED 68 8 W 3000 K IP44 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 sdcn	36 °
SPOT LED 68 8 W 4000 K IP44 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 sdcn	36 °
SPOT LED 68 8 W 3000 K IP44 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 sdcn	36 °
SPOT LED 68 8 W 4000 K IP44 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 sdcn	36 °

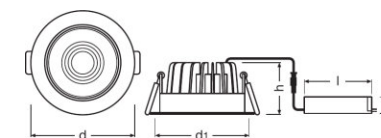
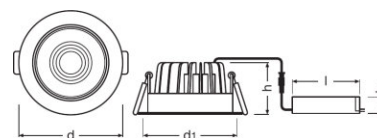
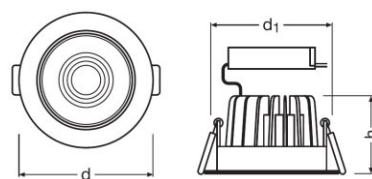
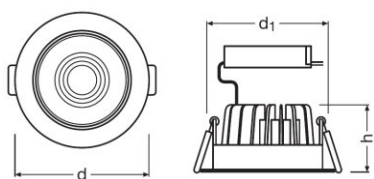
Product description	Dimensions & weight			Colors & materials		Temperatures & operating conditions	Lifespan	
	Diameter	Height	Mounting diameter	Body material	Product color	Ambient temperature range	Lifespan L70 at 25 °C	Lifespan L80 at 25 °C
SPOT LED 68 4 W 3000 K IP20 ADJ WT	80.0 mm	36.0 mm	68 mm	Aluminum	White	-20...45 °C	50000 h	40000 h
SPOT LED 68 6 W 3000 K IP20 ADJ WT	80.0 mm	36.0 mm	68 mm	Aluminum	White	-20...45 °C	50000 h	40000 h
SPOT LED 83 8 W 3000 K IP20 ADJ WT	90.0 mm	47.0 mm	83 mm	Aluminum	White	-20...45 °C	50000 h	40000 h

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 83 8 W 4000 K IP20 ADJ WT	90.0 mm	47.0 mm	83 mm	Aluminum	White	-20...45 °C	50000 h	40000 h
SPOT LED 68 8 W 3000 K IP44 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 IP44 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 IP44 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 IP44 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	
			Adjustable	Dimmable	Type of connection	Protection class	Type of protection
SPOT LED 68 4 W 3000 K IP20 ADJ WT	20000 h	100000	Yes	No	Terminal, 2-pin	II	IP20
SPOT LED 68 6 W 3000 K IP20 ADJ WT	20000 h	100000	Yes	No	Terminal, 2-pin	II	IP20
SPOT LED 83 8 W 3000 K IP20 ADJ WT	20000 h	100000		No	Terminal, 2-pin	II	IP20
SPOT LED 83 8 W 4000 K IP20 ADJ WT	20000 h	100000		No	Terminal, 2-pin	II	IP20
SPOT LED 68 8 W 3000 K IP44 DIM WT	20000 h	100000		Yes	Terminal, 2-pin	II	IP44
SPOT LED 68 8 W 4000 K IP44 DIM WT	20000 h	100000		Yes	Terminal, 2-pin	II	IP44
SPOT LED 68 8 W 3000 K IP44 DIM SI	20000 h	100000		Yes	Terminal, 2-pin	II	IP44
SPOT LED 68 8 W 4000 K IP44 DIM SI	20000 h	100000		Yes	Terminal, 2-pin	II	IP44

Product description	Protection class IK (shock resistance)	Standards	Additional product data	
			Recommended control gear	Recommended cable clamp
SPOT LED 68 4 W 3000 K IP20 ADJ WT	IK06	CE/CB/TÜV SÜD/EAC/RoHS		

Product description	Protection class IK (shock resistance)	Standards	Additional product data	
			Recommended control gear	Recommended cable clamp
SPOT LED 68 6 W 3000 K IP20 ADJ WT	IK06	CE/CB/TÜV SÜD/EAC/RoHS		
SPOT LED 83 8 W 3000 K IP20 ADJ WT	IK06	CE/CB/TÜV SÜD/EAC/RoHS	OTi DALI 15/220...240/1A0 LT2 (EAN: 4052899324879)	Style F (EAN: 4052899325555)
SPOT LED 83 8 W 4000 K IP20 ADJ WT	IK06	CE/CB/TÜV SÜD/EAC/RoHS	OTi DALI 15/220...240/1A0 LT2 (EAN: 4052899324879)	Style F (EAN: 4052899325555)
SPOT LED 68 8 W 3000 K IP44 DIM WT	IK06	CE/CB/TÜV SÜD/EAC/RoHS		
SPOT LED 68 8 W 4000 K IP44 DIM WT	IK06	CE/CB/TÜV SÜD/EAC/RoHS		
SPOT LED 68 8 W 3000 K IP44 DIM SI	IK06	CE/CB/TÜV SÜD/EAC/RoHS		
SPOT LED 68 8 W 4000 K IP44 DIM SI	IK06	CE/CB/TÜV SÜD/EAC/RoHS		

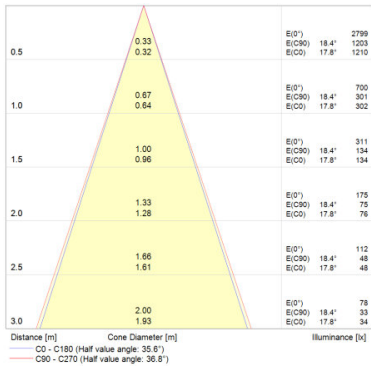


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SPOT LED 68 6 W 3000 K IP20 ADJ WT

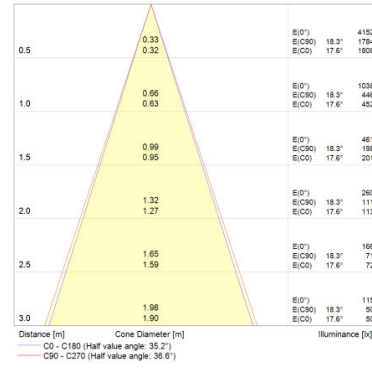
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SPOT LED 83 8 W 4000 K IP20 ADJ WT

SPOT LED 68 8 W 3000 K IP44 DIM WT,  
SPOT LED 68 8 W 4000 K IP44 DIM WT

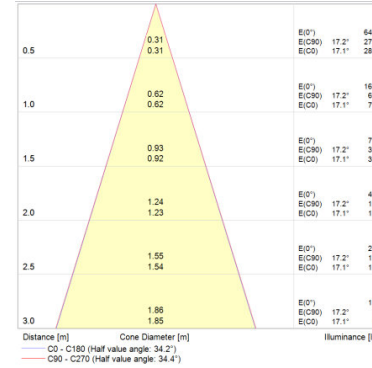
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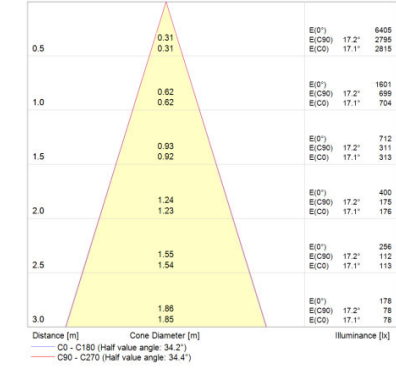
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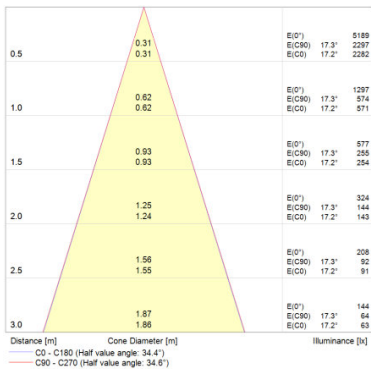
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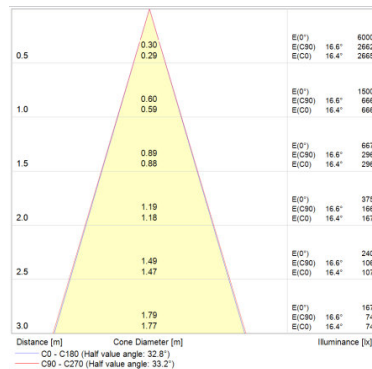
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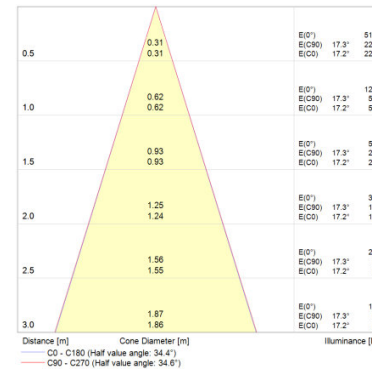
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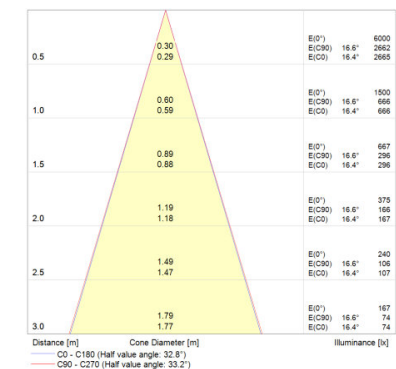
SPOT LED 68 8 W 3000 K IP44 DIM WT



SPOT LED 68 8 W 4000 K IP44 DIM WT



SPOT LED 68 8 W 3000 K IP44 DIM SI



SPOT LED 68 8 W 4000 K IP44 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
4058075000124	SPOT LED 68 4 W 3000 K IP20 ADJ WT	Shipping carton box 30	575 mm x 230 mm x 225 mm	29.76 dm <sup>3</sup>	6808.00 g
4058075000148	SPOT LED 68 6 W 3000 K IP20 ADJ WT	Shipping carton box 30	575 mm x 230 mm x 225 mm	29.76 dm <sup>3</sup>	6818.00 g
4058075000162	SPOT LED 83 8 W 3000 K IP20 ADJ WT	Shipping carton box 20	550 mm x 220 mm x 200 mm	24.20 dm <sup>3</sup>	5746.00 g
4058075000186	SPOT LED 83 8 W 4000 K IP20 ADJ WT	Shipping carton box 20	550 mm x 220 mm x 200 mm	24.20 dm <sup>3</sup>	5736.00 g
4058075811256	SPOT LED 68 8 W 3000 K IP44 DIM WT	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.08 g
4058075811270	SPOT LED 68 8 W 4000 K IP44 DIM WT	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.08 g
4058075811294	SPOT LED 68 8 W 3000 K IP44 DIM SI	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.08 g
4058075811317	SPOT LED 68 8 W 4000 K IP44 DIM SI	Shipping carton box 27	440 mm x 320 mm x 360 mm	50.69 dm <sup>3</sup>	10.08 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)

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