



# PRODUCT DATASHEET

## SPOT LED 83 8 W 3000 K IP20 ADJ WT

LEDVANCE SPOT LED | LED spotlight luminaires



### 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)
- 3 years guarantee

### PRODUCT FEATURES

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



**TECHNICAL DATA**

Electrical data

<b>Operating mode</b>	Electronic control gear (ECG)
<b>Nominal wattage</b>	8.00 W
<b>Nominal voltage</b>	220...240 V
<b>Power factor <math>\lambda</math></b>	>0.90
<b>Mains frequency</b>	50/60 Hz

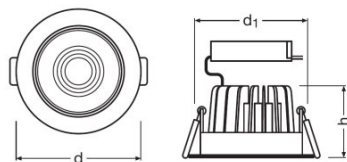
Photometrical data

<b>Color temperature</b>	3000 K
<b>Luminous flux</b>	660 lm
<b>Luminous efficacy</b>	85 lm/W
<b>Standard deviation of color matching</b>	$\leq 4$ sdc <sub>m</sub>
<b>Light color (designation)</b>	Warm White
<b>Color rendering index Ra</b>	>80

Light technical data

<b>Beam angle</b>	36 °
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Dimensions & weight



<b>Diameter</b>	90.0 mm
<b>Height</b>	47.0 mm
<b>Mounting diameter</b>	83 mm

Colors & materials

<b>Body material</b>	Aluminum
<b>Housing color</b>	White
<b>Product color</b>	White

## Temperatures &amp; operating conditions

Temperature range in operation	-20...45 °C
Ambient temperature range	-20...45 °C

## Lifespan

Lifespan L70 at 25 °C	50000 h
Lifespan L80 at 25 °C	40000 h
Lifespan L90 at 25 °C	20000 h
Number of switching cycles	100000

## Additional product data

Mounting location	Ceiling
Recommended control gear	OTi DALI 15/220...240/1A0 LT2 (EAN: 4052899324879)
Recommended cable clamp	Style F (EAN: 4052899325555)

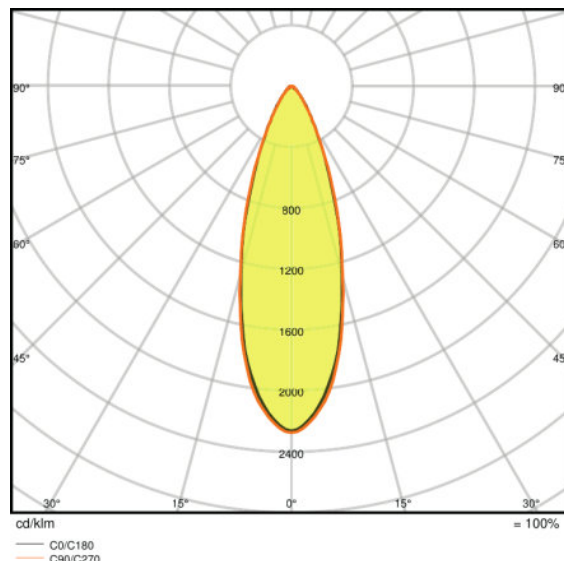
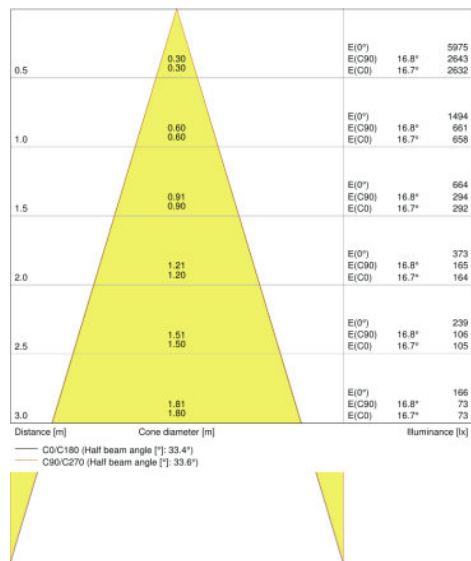
## Capabilities

Adjustable	Yes
Dimmable	No
Type of connection	Terminal, 2-pin

## Certificates &amp; standards

Protection class IK (shock resistance)	IK06
Photobiological safety group	RG 0
Protection class	II
Type of protection	IP20
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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

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