

# PRODUCT DATASHEET

## SPOT ADJUST DALI 8 W 3000 K IP20 WT

SPOT ADJUST DALI | Recessed mounted spotlight, adjustable, round shape with DALI driver



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

- Advanced functionality due to already included DALI driver
- DALI driver with individual luminaire current set-up already installed
- 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
- 5 years guarantee

### Product features

- Advanced applications with DALI light installations
- Initial color consistency:  $\leq 4$  SDCM



- Housing material: aluminum
- Lens material: PMMA

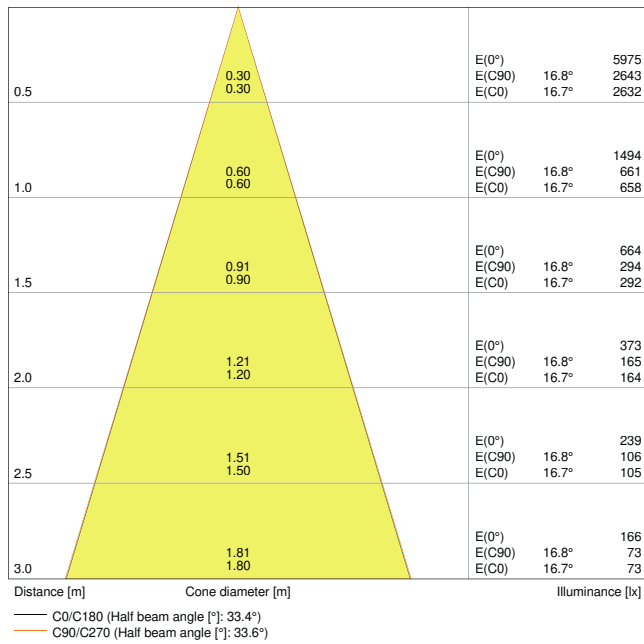
## TECHNICAL DATA

### Electrical data

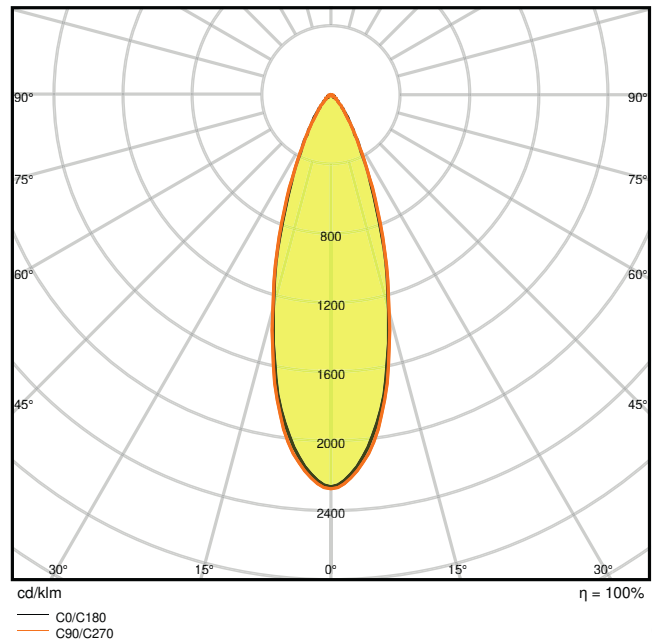
Nominal wattage	8.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	180.000 mA
Inrush current	16 A
Inrush current time $T_{h50}$	255 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	128
Max. number of luminaires per miniature circuit breaker C10	80
Max. number of luminaires per miniature circuit breaker C16	128
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 15 %
Protection class	II
Operating mode	External LED driver
Dimming interface	DALI-2

### Photometrical data

Luminous flux	660 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>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	36 °



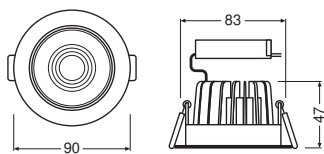
4058075042155 Spot LED DALI adjust 8W 3000K 230V IP20



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### Dimensions & Weight

Diameter	90.00 mm
Height	47.00 mm
Product weight	224.00 g



707987\_LEDVANCE Spot LED adjust 8W

### 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	IP20
Protection class IK (shock resistance)	IK06
Dimmable	Yes
Type of dimming	DALI
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	83 mm
Mounting depth	90 mm
Adjustable	Yes
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 / 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 DALI ADJUST

Documents and certificates		Document name
	Legal information	LSI SPOT LED DALI ADJUST
	Declarations of conformity	Declaration of conformity
	Declarations of conformity	CE Spot DALI
	Declarations Of Conformity UKCA	SPOT LED DALI ADJUST 8W IP20

Photometric and lighting design files		Document name
	IES file (IES)	Spot LED DALI adjust 8W 4000K 230V IP20
	LDT file (Eulumdat)	Spot LED DALI adjust 8W 4000K 230V IP20
	ULD file (DIALux)	SP LED DALI ADJUST 8W-3000K IP20
	ROLF file (RELUX)	SPOT LED DALI ADJUST
	LDC typ cone	4058075042155 Spot LED DALI adjust 8W 3000K 230V IP20
	LDC typ polar	4058075042155 Spot LED DALI adjust 8W 3000K 230V IP20

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075219946	Folding box 1	118 mm x 229 mm x 120 mm	297.00 g	3.24 dm <sup>3</sup>
4058075219953	Shipping box 10	614 mm x 248 mm x 273 mm	3516.00 g	41.57 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.

**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.

