

PRODUCT DATASHEET

SPOT LED DALI 83 8 W 3000 K IP20 WT

LEDVANCE SPOT LED DALI | LED spotlight luminaires with DALI



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: ≤ 4 SDCM
- Housing material: aluminum
- Lens material: PMMA



TECHNICAL DATA

Electrical data

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

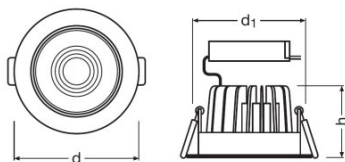
Photometrical data

Color temperature	3000 K
Luminous flux	660 lm
Luminous efficacy	85 lm/W
Standard deviation of color matching	≤ 4 sdc _m
Light color (designation)	Warm White
Color rendering index Ra	>80

Light technical data

Beam angle	36 °
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Dimensions & weight



Diameter	90.0 mm
Height	47.0 mm
Mounting diameter	83 mm

Colors & materials

Body material	Aluminum
Housing color	White
Product color	White

Temperatures & 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
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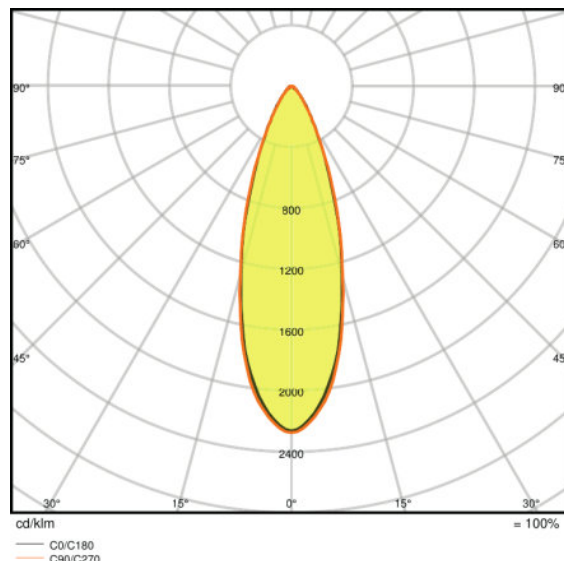
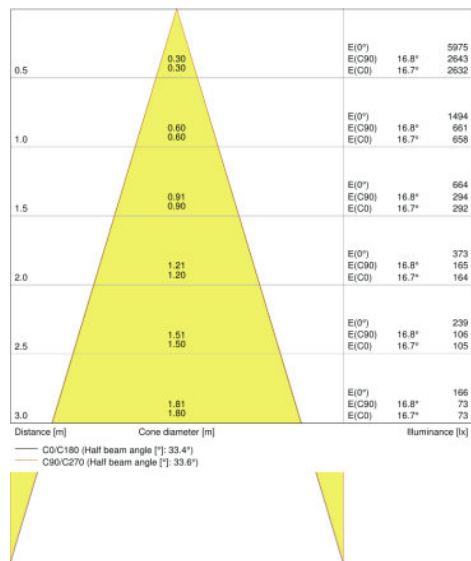
Capabilities

Adjustable	Yes
Dimmable	Yes
Type of connection	Terminal, 2-Pole (L, N)
LED module replaceable	Not replaceable

Certificates & standards

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

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
4058075042155	SPOT LED DALI 83 8 W 3000 K IP20 WT	Shipping carton box 10	744 mm x 318 mm x 124 mm	29.34 dm ³	3870.00 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

DISCLAIMER

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