

# PRODUCT DATASHEET

## SMART+ WIFI SPOT 86mm 100 Degree

SMART RECESS DOWNLIGHT TW AND RGB | Smart recess downlight with integrated driver TW, RGB and dimmable



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### Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms
- Kitchens

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### Product benefits

- TW and RGB
- Beam angle 36°, 100°, 110°

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### Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 10.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi
- Housing material: plastic



## TECHNICAL DATA

### Electrical data

Nominal wattage	4.50 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	60.000 mA
Inrush current	30 A
Inrush current time $T_{h50}$	1500 $\mu$ s
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	300 lm
Total luminous flux of contained light sources	420 lm
Luminous efficacy	80 lm/W
Color temperature	2700...6500 K
Light color (designation)	Tunable White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	$\leq$ 6 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

### Dimensions & Weight

Diameter	86.00 mm
Height	48.00 mm
Product weight	53.00 g

### Materials & Colors

Product color	White
Housing color	White
Body material	Polypropylene (PP) polyamid
Cover material	Polystyrene (PS)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+70 °C
Type of connection	Screw terminal
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	70,0 mm
Mounting depth	70,0 mm
LED module replaceable	Not replaceable

### Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	15000

### Emergency lighting

Luminous flux in maintained operation mode	-
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### Certificates & Standards

Standards	CE / ERP / RoHS / REACH
Luminaire with limited surface temperature, "D sign"	No

### EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction
	Declarations of conformity

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075573314	Folding box 1	97 mm x 97 mm x 68 mm	77.00 g	0.64 dm <sup>3</sup>
4058075573321	Shipping box 6	206 mm x 108 mm x 223 mm	1159.00 g	4.96 dm <sup>3</sup>
4058075643031	Shipping box 36			

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.

## DISCLAIMER

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