

# PRODUCT DATASHEET

## SMART+ BT SPOT R50 40 3W Multicolor E14

SMART+ BT SPOT CONCENTRA Multicolor | SMART+ SPOT CONCENTRA LAMPS WITH BLUETOOTH TECHNOLOGY



### Areas of application

- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Wireless control via app
- Easy to install and use
- Contains no mercury

### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 6.0 or iOS 11.0)
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Network protocol: Bluetooth
- Lifetime: up to 20,000 h
- For full functionality with control via Apple Home App connection to Apple TV (with tvOS 10 or later) or iPad (with iOS 10 or later) required
- Your Smart Home obeys your word - use Google Assistant and control your light via voice control



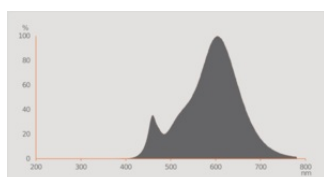
TECHNICAL DATA

Electrical data

Nominal wattage	3 W
Construction wattage	3.00 W
Nominal voltage	220...240 V
Nominal current	45 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.50
Claimed equiv. conventional lamp power	40 W

Photometrical data

Light color (designation)	RGBW
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	$\leq 6$ sdcn
Nominal luminous flux	210 lm
Luminous flux	210 lm
Luminous efficacy	70 lm/W
Luminous intensity	200 cd
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

Beam angle	45 °
Starting time	< 0.5 s

Warm-up time (60 %)	< 0.50 s
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## Dimensions & Weight

Product weight	50.00 g
Diameter	50.00 mm
Maximum diameter	50 mm
Length	85.00 mm
Width	50.00 mm
Height	50.00 mm
Outer bulb [PICOS]	T50

## Lifespan

Number of switching cycles	100000
Lifespan	20000 h
Lumen maintenance at end of serv	0.70

## Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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## Additional product data

Base (standard designation)	E14
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## Capabilities

Dimmable	Yes
Compatible smart home technology	Apple HomeKit / Google Assistant / Amazon Alexa

## Certificates & Standards




Energy efficiency class	G <sup>1)</sup>
Energy consumption	4.00 kWh/1000h
Standards	CE

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E14
Connected light source (CLS)	Yes
Color-tuneable light source	Yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Claim of equivalent power	Yes
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.9
LED light source replaces a fluorescent light source	No
EPREL ID	528226
Model number	AC33939

## DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations Of Conformity CE
	Installation guide
	Installation guide

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075609471	Folding box 1	61 mm x 96 mm x 154 mm	163.00 g	0.90 dm <sup>3</sup>
4058075609488	Shipping box 4	210 mm x 165 mm x 135 mm	633.00 g	4.68 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.

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## DISCLAIMER

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