

PRODUCT DATASHEET

SMART+ ZB SPOT 5 W 12 V 36 ° GU5.3

SMART+ SPOT GU5.3 TW | LED retrofit reflector lamps with smart home technology, color temperature adjustable



Areas of application

- General illumination
- Outdoor applications only in suitable luminaires

Product benefits

- Easy to install and use
- Up to 80 % less energy consumption compared to halogen lamps
- Contains no mercury

Product features

- Low voltage LED MR16 reflector lamp with wireless smart lighting function
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: Zigbee LL 2.0
- Lifetime up to 25,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality connection to a compatible smart home System (gateway and app) required



TECHNICAL DATA

Electrical data

Nominal wattage	5 W
Construction wattage	5.00 W
Nominal voltage	12 V
Nominal current	660 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	35 W

Photometrical data

Light color (designation)	Tunable White
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	≤6 sdcn
Nominal luminous flux	350 lm
Luminous flux	350 lm
Luminous efficacy	70 lm/W
Luminous intensity	770 cd
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	80

Light technical data

Beam angle	36 °
Starting time	< 1.0 s
Light control	Adjustable color temperature
Warm-up time (60 %)	< 1.00 s

Dimensions & Weight

Product weight	74.00 g
Diameter	50.00 mm
Maximum diameter	50 mm
Length	51.00 mm
Width	50.00 mm
Height	50.00 mm

Outer bulb [PICOS]	MR51
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Lifespan

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

Colors & materials

Housing color	White
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Temperatures & operating conditions

Ambient temperature range	0...+25 °C
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Additional product data

Mercury-free	Yes
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
Base (standard designation)	GU5.3

Capabilities

Dimmable	Yes
Compatible smart home technology	ZigBee

Certificates & Standards


Energy efficiency class	A ¹⁾
Energy consumption	5.00 kWh/1000h
Standards	CE
Type of protection	IP20

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
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DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EC Declaration_SMART+ MR16 TW Ledvance

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075209138	Folding box 1	61 mm x 78 mm x 96 mm	119.00 g	0.46 dm ³
4058075214293	Shipping box 4	173 mm x 108 mm x 141 mm	550.00 g	2.63 dm ³
4058075214309	Shipping box 32	359 mm x 229 mm x 303 mm	4652.00 g	24.91 dm ³

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.