PRODUCT DATASHEET

Supacell® LED

MR16 SPOT

SUPER EFFICIENT 90 LUMEN per WATT

Areas of application

Indoor use
General illumination
Chandeliers
Outdoor applications only in suitable luminaires

Product benefits and features

Long lifetime of up to 30,000 hours
Low energy consumption
Easy replacement
Instant 100% light, no warm-up time

No UV and thermal radiation
Free from harmful elements

Hg
Mercury 0%

ACD™ DRIVER
for longer life & superior heat resistance.

-20°C to 50°C operating temperature

Non-dimmable

3** YEAR GUARANTEE

I/O
≥15000

Instant light

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Technical data

Electrical data

Wattage	5W	7W
Nominal wattage	5W	7W
Nominal voltage	12V	12V
Operating frequency	50-60Hz	50-60Hz
equiv. wattage of lamp	50W	60W
Nominal luminous flux	425lms	525lms
Rated luminous flux	425lms	525lms
Beam angle	38˚ Normal 120˚ Wide	38˚ Normal 120˚ Wide

Colour and temperature

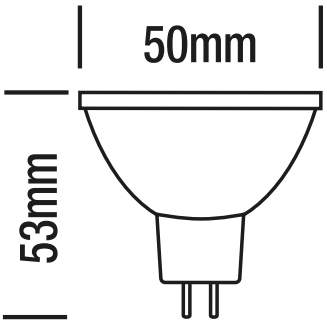
Light colour	Warm White	Cool Day White
Colour temperature	3000K	6500K

Light technical data

Warm-up time (60 %)	≤ 1.00 s
Starting time	< 0.5 s

Dimensions & weight

Overall length	53 mm
Diameter	50 mm



*size varies depending on
cap base & clear or pearl type

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Lifespan

Nominal lamp life time	30,000 hours
Rated lamp life time	30,000 hours
Number of switching cycles	15,000
Lumen main.fact.at end of nom.life time	0.70

Additional product data

Base	MR16 16mm
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Opal / Pearl and Clear
Appropriate disposal acc. to WEEE	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

Capabilities

Dimmable	No

Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h 7 kWh/1000h

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Logistical Data

Product code	Product description	Cover	Colour	Power	Units	Inner	Master	Pallet
SLMR16-5W	MR16 5W-PIN	PEARL	WARM WHITE	5W=50W	1 Pack	12	10x12	30
SLMR16-5WB	MR16 5W-PIN WIDE B	PEARL	WARM WHITE	5W=50W	1 Pack	12	10x12	30
SLMR16-7W	MR16 7W-PIN	PEARL	WARM WHITE	7W=60W	1 Pack	12	10x12	30
SLMR16-7WB	MR16 7W-PIN WIDE B	PEARL	WARM WHITE	7W=60W	1 Pack	12	10x12	30
SLMR16-5C	MR16 5W-PIN	PEARL	COOL DAY WHITE	5W=50W	1 Pack	12	10x12	30
SLMR16-5CB	MR16 5W-PIN WIDE B	PEARL	COOL DAY WHITE	5W=50W	1 Pack	12	10x12	30
SLMR16-7C	MR16 7W-PIN	PEARL	COOL DAY WHITE	7W=60W	1 Pack	12	10x12	30
SLMR16-7CB	MR16 7W-PIN WIDE B	PEARL	COOL DAY WHITE	7W=60W	1 Pack	12	10x12	30

References / Links

For further products and actual information concerning LED lamps see: ***http://www.supacell.eu.com/led/***
For Supacell LED Catalogue: ***http://www.multibrands.eu.com/Supacell_LED_Catalogue/***

Disclaimer

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

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