
Product datasheet

PP LEDSPOT 111 16 W/927 G53

PARATHOM PRO LEDspot 111 | LED reflector lamps AR111 with retrofit pin base

- Shops and exhibition rooms Domestic applications
Commercial applications Accent lighting Outdoor use in
outdoor luminaires only (minimum IP65)



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- Quick, simple and safe replacement without rewiring Design, dimensions, luminous flux comparable to an incandescent or halogen lamp Low maintenance costs thanks to long lifetime No UV and near-IR radiation in the light beam Stepless dimming Very high dimmer compatibility, see also "www.ledvance.com/dim" Compatible with many common conventional and electronic control gears (see also "compatibility list") Instant 100 % light, no warm-up time



Technical data

Electrical data

Rated wattage	16.00 W
Nominal wattage	16.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	100 W
Operating frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	45
Max. lamp no. on circuit break. 16 A (B)	72
Nominal current	1.8 A

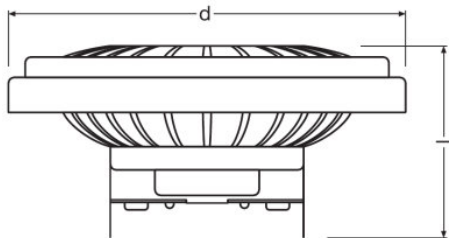
Photometrical data

Nominal luminous flux	1100 lm
Rated luminous flux	1100 lm
Rated color temperature	2700 K
Color rendering index Ra	≥90
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdcn
Nominal useful luminous flux 90°	1100 lm
Rated useful luminous flux 90°	1100 lm
Rated peak intensity	3200 cd
Color temperature	2700 K
Luminous flux	1100 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	24 °
Nominal beam angle	24 °
Rated beam angle (half peak value)	24.00 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	55.0 mm
Diameter	111.0 mm
Outer bulb	AR111
Product weight	215.00 g
Length	55.0 mm
Maximum diameter	111.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	G53
Mercury content	0.0 mg
Mercury-free	Yes
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
Predecessor EAN	4058075813052

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Capabilities

Dimmable	Yes
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Certificates & standards

Energy efficiency class	A
Energy consumption	16 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	LPAR11110024 16
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075105119
Declaration No. in SCIP database	In work

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

References / Links

For dimming conformity see

▶ www.osram.com/DIM

For Guarantee see [https://](https://www.inventronics-light.com/multilevel-guarantees)

▶ www.inventronics-light.com/multilevel-guarantees

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

Further information see

▶ www.osram.com/low-voltage-ledlamps

Disclaimer

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

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