Product datasheet

PPRO AR111 50 40° DIM 9.5 W/930 G53

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



Areas of application

- Shops
- Shop windows
- Hotels, hospitality
- Museums, art galleries
- Exhibition rooms
- Residential interiors
- Luxurious living areas
- Outdoor applications only in suitable luminaires

Product benefits

- Short payback period thanks to low energy consumption and maintenance costs
- Premium light quality thanks to high color rendering index and narrow binning
- Easy replacement of halogen lamps due to compact design and single optic design

Product features

- Professional LED alternative to AR111 halogen lamps
- Very high color rendering (R_a: 90)
- Very high color consistency: ≤ 4 SDCM
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Single optic design
- Mercury-free lamps



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Technical data

Electrical data

Rated wattage	9.50 W
Nominal wattage	9.50 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	50 W
Power factor λ	0.60

Photometrical data

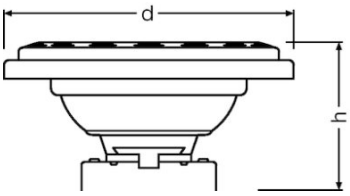
Luminous intensity	1200 cd
Rated luminous flux	650 lm
Rated color temperature	3000 K
Color rendering index Ra	≥90
Light color (designation)	Warm White
Standard deviation of color matching	≤4 sdcm
Nominal luminous flux	650 lm
Nominal useful luminous flux 90°	650 lm
Rated useful luminous flux 90°	650 lm
Rated peak intensity	1200 cd
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	40 °
Warm-up time (60 %)	0.50 s
Nominal beam angle	40 °
Rated beam angle (half peak value)	40.00 °
Starting time	0.5 s

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Dimensions & weight



Overall length	54.3 mm
Diameter	111.0 mm
Outer bulb	AR111
Length	54.3 mm
Maximum diameter	110.0 mm

Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 h
Number of switching cycles	100000

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 lampDue 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	Yes

Certificates & standards

Energy efficiency class	A

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Energy consumption	10 kWh/1000h

Country specific categorizations

ILCOS	DRR-9,5/930-12-G53-111/40
Order reference	LPAR111 5040 9,

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075017887	PPRO AR111 50 40° DIM 9.5 W/930 G53	Shipping carton box 6 Pieces Folding carton box	275 mm x 185 mm x 130 mm	6.61 dm^3	1485.00 g

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.

References / Links

For dimming conformity see
- www.osram.com/DIM

For Guarantee see
- www.osram.com/guarantee

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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