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## PARATHOM AR111 50 40° 7.2 W/830 12 V G53

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



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### Areas of application

- Shop windows
- Hotels, hospitality
- Museums
- Spotlighting for accents
- Outdoor applications only in suitable luminaires
- Shopping centers
- Shops

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### Product benefits

- Very long lifetime of up to 30,000 h
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy relamping thanks to compact design and GU5.3 base
- Instant 100 % light, no warm-up time

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### Product features

- Professional LED alternative to AR111 halogen lamps
- High color consistency: < 6 SDCM
- Compatible with many common electronic control gears (see also compatibility list)
- Mercury-free lamps



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Technical data

**Electrical data**

Rated wattage	7.20 W
Nominal wattage	7.20 W
Nominal voltage	12.0 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.90

**Photometrical data**

Luminous intensity	1300 cd
Nominal luminous flux	550 lm
Rated luminous flux	550 lm
Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Nominal useful luminous flux 90°	550 lm
Rated useful luminous flux 90°	550 lm
Rated peak intensity	1300 cd
Nom. useful luminous flux 120°	585 lm
Rated useful luminous flux 120°	585 lm

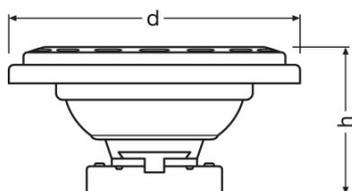
**Light technical data**

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

# Product datasheet

## Dimensions & weight

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<b>Overall length</b>	56.5 mm
<b>Diameter</b>	111.0 mm
<b>Outer bulb</b>	AR111
<b>Length</b>	56.5 mm
<b>Maximum diameter</b>	111.0 mm

## Lifespan

<b>Nominal lamp life time</b>	30000 h
<b>Rated lamp life time</b>	30000 h
<b>Number of switching cycles</b>	100000
<b>Lumen main.fact.at end of nom.life time</b>	0.70

## Additional product data

<b>Base (standard designation)</b>	G53
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Appropriate disposal acc. to WEEE</b>	Yes
<b>Product remark</b>	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

<b>Dimmable</b>	No
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## Certificates & standards

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## Product datasheet

Energy efficiency class	A+
Energy consumption	8 kWh/1000h

### Country specific categorizations

ILCOS	DRR-7,2/830-12-G53-111/40
Order reference	PAR111 5040 7,2



Guarantee

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899938472	PARATHOM AR111 50 40° 7.2 W/830 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm <sup>3</sup>	1275.00 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 further products and actual information concerning LED lamps see

▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

Further information see

▶ [www.ledvance.com/low-voltage-ledlamps](http://www.ledvance.com/low-voltage-ledlamps)

### Disclaimer

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