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## PARATHOM AR111 75 24° 10.5 W/830 12 V G53

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



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### Areas of application

- Direct replacement for AR111 halogen lamps
- Shops
- Hotels, hospitality
- Directional light sources

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### Product benefits

- Very low energy consumption
- Compact shape
- Robust against vibrations
- No UV and near-IR radiation in the light beam

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### Product features

- Professional LED lamp
- Compatible with many common electronic control gears (see also compatibility list)
- Lifetime: up to 30,000 h
- High color consistency: < 6 SDCM
- Mercury-free lamps



## Technical data

### Electrical data

Rated wattage	10.50 W
Nominal wattage	10.50 W
Nominal voltage	12.0 V
Claimed equiv. conventional lamp power	75 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.90

### Photometrical data

Luminous intensity	3500 cd
Nominal luminous flux	800 lm
Rated luminous flux	800 lm
Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 6$ sdcM
Nominal useful luminous flux 90°	800 lm
Rated useful luminous flux 90°	800 lm
Rated peak intensity	3500 cd
Nom. useful luminous flux 120°	825 lm
Rated useful luminous flux 120°	825 lm

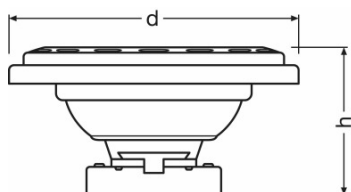
### Light technical data

Beam angle	24 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	24 °
Rated beam angle (half peak value)	24.00 °

# Product datasheet

## Dimensions & weight

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Overall length	56.5 mm
Diameter	111.0 mm
Outer bulb	AR111
Length	56.5 mm
Maximum diameter	111.0 mm

## Lifespan

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

## Additional product data

Base (standard designation)	G53
Lamp 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

## Capabilities

Dimmable	No
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## Certificates & standards

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## Product datasheet

Energy efficiency class	A+
Energy consumption	11 kWh/1000h

### Country specific categorizations

ILCOS	DRR-10,5/830-12-G53-111/24
Order reference	PAR111 7524 10,



Guarantee

### Equipment / Accessories

– Suitable for many commercially available electronic or conventional transformers

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899938489	PARATHOM AR111 75 24° 10.5 W/830 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm <sup>3</sup>	1304.00 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.

### Disclaimer

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