

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

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



Areas of application

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

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

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



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 λ	> 0.90

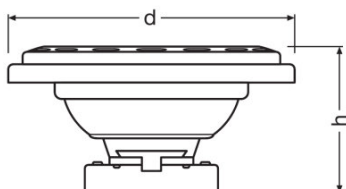
Photometrical data

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	≤ 6 sdcM
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 °

Dimensions & weight



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
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

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 Pieces Folding carton box	275 mm x 185 mm x 130 mm	6.61 dm ³	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.osram.com/ledlamps

For Guarantee see

▶ www.osram.com/guarantee

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.