

# Product datasheet

## PP LEDSPOT 111 15 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 family 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 family features

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



## Product datasheet

---

### Technical data

#### Electrical data

Rated wattage	15.00 W
Nominal wattage	15.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	75 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.60

#### Photometrical data

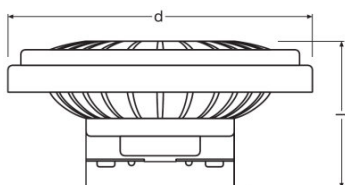
Nominal luminous flux	800 lm
Rated luminous flux	800 lm
Rated color temperature	3000 K
Color rendering index Ra	97
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Nominal useful luminous flux 90°	800 lm
Rated useful luminous flux 90°	800 lm
Rated peak intensity	4000 cd
Lumen main.fact.at end of nom.life time	0.70

#### Light technical data

Beam angle	24 °
Warm-up time (60 %)	< 0.50 s
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
Length	55.0 mm
Maximum diameter	111.0 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 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	Yes
----------	-----

### Certificates & standards

Energy efficiency class	A
-------------------------	---

## Product datasheet

Energy consumption	16 kWh/1000h
--------------------	--------------

### Country specific categorizations

Order reference	LPAR111 7524 15
-----------------	-----------------

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075105034	PP LEDSPOT 111 15 W/930 G53	Shipping carton box 6 Pieces Folding carton box	275 mm x 185 mm x 130 mm	6.61 dm <sup>3</sup>	1605.00 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](http://www.osram.com/DIM)

For Guarantee see

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

For further products and actual information concerning LED lamps see

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

Further information see

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

OSRAM GMBH is distribution partner  
of LEDVANCE for Digital Lighting  
Systems and Components

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany