

PARATHOM PRO LEDspot 111

LED reflector lamps AR111 with retrofit pin base



Areas of application

- Shops
- Galleries
- Museums
- Shops and exhibition rooms
- Directional light sources

Product benefits

- Very low energy consumption
- Extremely long life
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Efficient generation of white light

Product features

- Professional LED lamp
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Lifetime: up to 45,000 h
- Mercury-free lamps
- High color consistency
- Made in Germany



Product family datasheet

Technical data

Product description	Electrical data				Photometrical data					Light technical data
	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Rated luminous flux	Luminous intensity	Nominal luminous flux	Color temperature	Color rendering index Ra	Light color (designation)	Beam angle
PARATHOM PRO AR111 50 9° 8.5 W/927 12 V G53 ¹⁾	8.50 W	12.0 V	50 W	450 lm	8500 cd	450 lm	2700 K	90	Warm White	9 °
PARATHOM PRO AR111 50 24° 8.5 W/927 12 V G53 ¹⁾	8.50 W	12.0 V	50 W	450 lm	3200 cd	450 lm	2700 K	90	Warm White	24 °
PARATHOM PRO AR111 50 24° 8.5 W/930 12 V G53 ¹⁾	8.50 W	12.0 V	50 W	450 lm	3600 cd	450 lm	3000 K	90	Warm White	24 °
PARATHOM PRO AR111 50 24° 8.5 W/940 12 V G53 ¹⁾	8.50 W	12.0 V	50 W	450 lm	1400 cd	450 lm	4000 K	90	Cool White	24 °
PARATHOM PRO AR111 50 40° 8.5 W/927 12 V G53 ¹⁾	8.50 W	12.0 V	50 W	450 lm	3200 cd	450 lm	2700 K	90	Warm White	40 °
PARATHOM PRO AR111 50 40° 8.5 W/930 12 V G53 ¹⁾	8.50 W	12.0 V	50 W	450 lm	1400 cd	450 lm	3000 K	90	Warm White	40 °
PARATHOM PRO AR111 75 9° 12.5 W/827 12 V G53 ¹⁾	12.5 W	12.0 V	75 W	740 lm	11000 cd	740 lm	2700 K	80	Warm White	9 °
PARATHOM PRO AR111 75 24° 12.5 W/827 12 V G53 ¹⁾	12.5 W	12.0 V	75 W	740 lm	4800 cd	740 lm	2700 K	80	Warm White	24 °
PARATHOM PRO AR111 75 24° 12.5 W/830 12 V G53 ¹⁾	12.5 W	12.0 V	75 W	740 lm	5500 cd	740 lm	3000 K	80	Warm White	24 °
PARATHOM PRO AR111 75 24° 12.5 W/840 12 V G53 ¹⁾	12.5 W	12.0 V	75 W	820 lm	2200 cd	820 lm	4000 K	80	Cool White	24 °
PARATHOM PRO AR111 75 40° 12.5 W/827 12 V G53 ¹⁾	12.5 W	12.0 V	75 W	740 lm	4800 cd	740 lm	2700 K	80	Warm White	40 °
PARATHOM PRO AR111 75 40° 12.5 W/830 12 V G53 ¹⁾	12.5 W	12.0 V	75 W	740 lm	2200 cd	740 lm	3000 K	80	Warm White	40 °

Product family datasheet

Product description	Warm-up time (60 %)	Dimensions & weight		Lifespan			Additional product data		Capabilities
		Overall length	Diameter	Nominal lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Mercury-free	Dimmable
PARATHOM PRO AR111 50 9° 8.5 W/927 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 50 24° 8.5 W/927 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 50 24° 8.5 W/930 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 50 24° 8.5 W/940 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 50 40° 8.5 W/927 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 50 40° 8.5 W/930 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 75 9° 12.5 W/827 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 75 24° 12.5 W/827 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 75 24° 12.5 W/830 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 75 24° 12.5 W/840 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 75 40° 12.5 W/827 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾
PARATHOM PRO AR111 75 40° 12.5 W/830 12 V G53 ¹⁾	0.00 s	58.5 mm	111.0 mm	45000 h	1000000	0.70	G53	Yes	Yes ²⁾

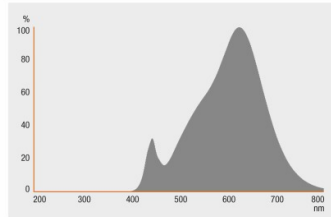
Product family datasheet

Product description	Certificates & standards	Country specific categorizations
	Energy efficiency class	ILCOS
PARATHOM PRO AR111 50 9° 8.5 W/927 12 V G53 ¹⁾	A	DRR-8,5-12-G53-111/9
PARATHOM PRO AR111 50 24° 8.5 W/927 12 V G53 ¹⁾	A	DRR-8,5-12-G53-111/24
PARATHOM PRO AR111 50 24° 8.5 W/930 12 V G53 ¹⁾	A	DRR-8,5-12-G53-111/24
PARATHOM PRO AR111 50 24° 8.5 W/940 12 V G53 ¹⁾	A	DRR-8,5-12-G53-111/24
PARATHOM PRO AR111 50 40° 8.5 W/927 12 V G53 ¹⁾	A	DRR-8,5-12-G53-111/40
PARATHOM PRO AR111 50 40° 8.5 W/930 12 V G53 ¹⁾	A	DRR-8,5-12-G53-111/40
PARATHOM PRO AR111 75 9° 12.5 W/827 12 V G53 ¹⁾	A	DRR-12,5-12-G53-111/9
PARATHOM PRO AR111 75 24° 12.5 W/827 12 V G53 ¹⁾	A	DRR-12,5-12-G53-111/24
PARATHOM PRO AR111 75 24° 12.5 W/830 12 V G53 ¹⁾	A	DRR-12,5-12-G53-111/24
PARATHOM PRO AR111 75 24° 12.5 W/840 12 V G53 ¹⁾	A	DRR-12,5-12-G53-111/24
PARATHOM PRO AR111 75 40° 12.5 W/827 12 V G53 ¹⁾	A	DRR-12,5-12-G53-111/40
PARATHOM PRO AR111 75 40° 12.5 W/830 12 V G53 ¹⁾	A	DRR-12,5-12-G53-111/40

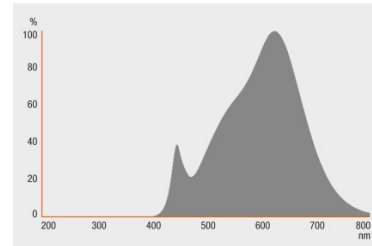
¹⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Product family datasheet

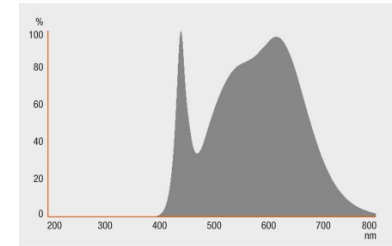
2) With many common dimmers



PARATHOM PRO AR111 50 9° 8.5 W/927 12 V G53, PARATHOM PRO AR111 50 24° 8.5 W/927 12 V G53, PARATHOM PRO AR111 50 40° 8.5 W/927 12 V G53, PARATHOM PRO AR111 75 9° 12.5 W/827 12 V G53, PARATHOM PRO AR111 75 24° 12.5 W/827 12 V G53, PARATHOM PRO AR111 75 40° 12.5 W/827 12 V G53



PARATHOM PRO AR111 50 24° 8.5 W/930 12 V G53, PARATHOM PRO AR111 50 40° 8.5 W/930 12 V G53, PARATHOM PRO AR111 75 24° 12.5 W/830 12 V G53, PARATHOM PRO AR111 75 40° 12.5 W/830 12 V G53



PARATHOM PRO AR111 50 24° 8.5 W/940 12 V G53, PARATHOM PRO AR111 75 24° 12.5 W/840 12 V G53

Product family datasheet

Equipment / Accessories

– Suitable for many commercially available electronic or conventional transformers

Application advice

For more detailed application information and graphics please see product datasheet.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899907690	PARATHOM PRO AR111 50 9° 8.5 W/927 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907720	PARATHOM PRO AR111 50 24° 8.5 W/927 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907737	PARATHOM PRO AR111 50 24° 8.5 W/930 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907744	PARATHOM PRO AR111 50 24° 8.5 W/940 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907751	PARATHOM PRO AR111 50 40° 8.5 W/927 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907768	PARATHOM PRO AR111 50 40° 8.5 W/930 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907782	PARATHOM PRO AR111 75 9° 12.5 W/827 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907812	PARATHOM PRO AR111 75 24° 12.5 W/827 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899907829	PARATHOM PRO AR111 75 24° 12.5 W/830 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907836	PARATHOM PRO AR111 75 24° 12.5 W/840 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907843	PARATHOM PRO AR111 75 40° 12.5 W/827 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 g
4052899907850	PARATHOM PRO AR111 75 40° 12.5 W/830 12 V G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1341.00 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

Disclaimer

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