

Product family datasheet

PARATHOM PRO LEDspot 111

LED reflector lamps AR111 with retrofit pin base



- Shops Shop windows Hotels, hospitality Museums, art galleries Exhibition rooms Residential interiors Luxurious living areas Outdoor applications only in suitable luminaires

- 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 features Professional LED alternative to AR111 halogen lamps Very high color rendering (Ra: 90) Mercury-free lamps Dimmable (with many common dimmers, see also www.ledvance.com/dim) Single optic designProduct 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 designAreas of application Shops Shop windows Hotels, hospitality Museums, art galleries Exhibition rooms Residential interiors Luxurious living areas Outdoor applications only in suitable luminairesReferences / LinksFor dimming conformity see www.ledvance.com/dimFor Guarantee see www.ledvance.com/guaranteeFor further products and actual information concerning LED lamps see www.ledvance.com/ledlampsFurther information see www.ledvance.com/low-voltage-ledlamps



Product family datasheet

Technical data

Product description	Electrical data		Photometrical data				Light technical data
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated color temperature	Light color (designation)	Luminous intensity	Beam angle
PP LEDSPOT 111 11.8 W/930 G53	11.80 W	12 V	650 lm	3000 K	Warm White		24 °
PP LEDSPOT 111 11.8 W/927 G53	11.80 W	12 V	650 lm	2700 K	Warm White		40 °
PP LEDSPOT 111 11.8 W/930 G53	11.80 W	12 V	650 lm	3000 K	Warm White		40 °
PARATHOM PRO AR111 50 / ¹⁾							
P AR111 75 24° 9.5 W/840 G53 ¹⁾	9.50 W	12 V	800 lm	4000 K	Cool White	3100 cd	24 °
PPRO AR111 75 40° DIM 11.5 W/927 G53 ¹⁾							
PPRO AR111 100 24° 14.5 W/827 G53 ¹⁾	14.50 W	12 V	1100 lm	2700 K	Warm White	8500 cd	24 °
PP LEDSPOT 111 10.8 W/930 G53	10.80 W	12 V	680 lm	3000 K	Warm White		24 °
PP LEDSPOT 111 15 W/927 G53	15.00 W	12 V	800 lm	2700 K	Warm White		24 °
PP LEDSPOT 111 15 W/930 G53	15.00 W	12 V	800 lm	3000 K	Warm White		24 °
PP LEDSPOT 111 15 W/940 G53	15.00 W	12 V	850 lm	4000 K	Cool White		24 °
PP LEDSPOT 111 15 W/927 G53	15.00 W	12 V	800 lm	2700 K	Warm White		40 °
PP LEDSPOT 111 15 W/930 G53	15.00 W	12 V	800 lm	3000 K	Warm White		40 °
PP LEDSPOT 111 16 W/927 G53	16.00 W	12 V	1100 lm	2700 K	Warm White		24 °
PP LEDSPOT 111 12 W/927 G53	12.00 W	12 V	650 lm	2700 K	Warm White		24 °
PP LEDSPOT 111 12 W/927 G53	12.00 W	12 V	650 lm	2700 K	Warm White		40 °

Product description	Rated beam angle (half peak value)	Starting time	Nominal beam angle	Warm-up time (60 %)	Dimensions & weight	Lifespan	
					Overall length	Nominal lamp life time	Rated lamp life time
PP LEDSPOT 111 11.8 W/930 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 11.8 W/927 G53	40.00 °	< 0.5 s	40 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 11.8 W/930 G53	40.00 °	< 0.5 s	40 °		55.0 mm	40000 h	40000 h
PARATHOM PRO AR111 50 / ¹⁾							

Product family datasheet

Product description	Rated beam angle (half peak value)	Starting time	Nominal beam angle	Warm-up time (60 %)	Dimensions & weight	Lifespan	
					Overall length	Nominal lamp life time	Rated lamp life time
P AR111 75 24° 9.5 W/840 G53 ¹⁾	24.00 °	0.5 s	24 °	0.50 s	54.3 mm	40000 h	40000 h
PPRO AR111 75 40° DIM 11.5 W/927 G53 ¹⁾							
PPRO AR111 100 24° 14.5 W/827 G53 ¹⁾	24.00 °	< 0.5 s	24 °	< 0.50 s	54.3 mm	40000 h	40000 h
PP LEDSPOT 111 10.8 W/930 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 15 W/927 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 15 W/930 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 15 W/940 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 15 W/927 G53	40.00 °	< 0.5 s	40 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 15 W/930 G53	40.00 °	< 0.5 s	40 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 16 W/927 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 12 W/927 G53	24.00 °	< 0.5 s	24 °		55.0 mm	40000 h	40000 h
PP LEDSPOT 111 12 W/927 G53	40.00 °	< 0.5 s	40 °		55.0 mm	40000 h	40000 h

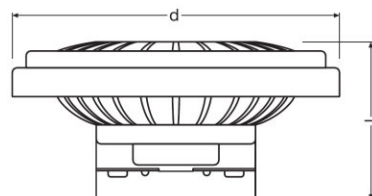
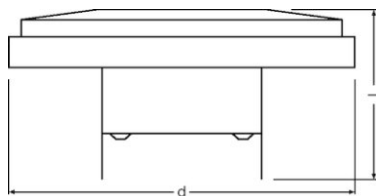
Product description	Number of switching cycles	Additional product data	Capabilities	Certificates & standards		Country specific categorizations	
		Base (standard designation)	Dimmable	Energy efficiency class	Energy consumption	Order reference	ILCOS
PP LEDSPOT 111 11.8 W/930 G53	100000	G53	Yes	A	13 kWh/1000h	LPAR111 5024 11	
PP LEDSPOT 111 11.8 W/927 G53	100000	G53	Yes	A	13 kWh/1000h	LPAR111 5040 11	
PP LEDSPOT 111 11.8 W/930 G53	100000	G53	Yes	A	13 kWh/1000h	LPAR111 5040 11	
PARATHOM PRO AR111 50 / ¹⁾							
P AR111 75 24° 9.5 W/840 G53 ¹⁾	100000	G53	Yes	A	10 kWh/1000h	LPAR111 7524 9,	DRR-9,5/840-12-G53-111/24
PPRO AR111 75 40° DIM 11.5 W/927 G53 ¹⁾							

Product family datasheet

Product description	Number of switching cycles	Additional product data	Capabilities	Certificates & standards		Country specific categorizations	
		Base (standard designation)	Dimmable	Energy efficiency class	Energy consumption	Order reference	ILCOS
PPRO AR111 100 24° 14.5 W/827 G53 ¹⁾	100000	G53	Yes	A	15 kWh/1000h	LEDAR1110024 14	DRRR-2/827-230-E14-50/30
PP LEDSPOT 111 10.8 W/930 G53	100000	G53	Yes	A	12 kWh/1000h	LPAR111 5024 10	
PP LEDSPOT 111 15 W/927 G53	100000	G53	Yes	A	16 kWh/1000h	LPAR111 7524 15	
PP LEDSPOT 111 15 W/930 G53	100000	G53	Yes	A	16 kWh/1000h	LPAR111 7524 15	
PP LEDSPOT 111 15 W/940 G53	100000	G53	Yes	A	16 kWh/1000h	LPAR111 7524 15	
PP LEDSPOT 111 15 W/927 G53	100000	G53	Yes	A	16 kWh/1000h	LPAR111 7540 15	
PP LEDSPOT 111 15 W/930 G53	100000	G53	Yes	A	16 kWh/1000h	LPAR111 7540 15	
PP LEDSPOT 111 16 W/927 G53	100000	G53	Yes	A	16 kWh/1000h	LPAR11110024 16	
PP LEDSPOT 111 12 W/927 G53	100000	G53	Yes	A	13 kWh/1000h	LED111GD5024 12	
PP LEDSPOT 111 12 W/927 G53	100000	G53	Yes	A	13 kWh/1000h	LED111GD5040 12	

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



PARATHOM PRO AR111 50 /, P AR111
75 24° 9.5 W/840 G53, PPRO AR111
75 40° DIM 11.5 W/927 G53, PPRO
AR111 100 24° 14.5 W/827 G53

PP LEDSPOT 111 10.8 W/930 G53, PP
LEDSPOT 111 15 W/927 G53, PP
LEDSPOT 111 15 W/930 G53, PP
LEDSPOT 111 15 W/940 G53, PP
LEDSPOT 111 15 W/927 G53, PP
LEDSPOT 111 15 W/930 G53, PP
LEDSPOT 111 16 W/927 G53, PP
LEDSPOT 111 12 W/927 G53, PP
LEDSPOT 111 12 W/927 G53

Application advice

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

Logistical Data

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075264458	PP LEDSPOT 111 11.8 W/930 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075264519	PP LEDSPOT 111 11.8 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075264496	PP LEDSPOT 111 11.8 W/930 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075812932	PARATHOM PRO AR111 50 /	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1485.00 g
4058075017986	P AR111 75 24° 9.5 W/840 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1485.00 g
4058075017962	PPRO AR111 75 40° DIM 11.5 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1485.00 g
4058075813052	PPRO AR111 100 24° 14.5 W/827 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1485.00 g
4058075104914	PP LEDSPOT 111 10.8 W/930 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075105058	PP LEDSPOT 111 15 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075105034	PP LEDSPOT 111 15 W/930 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075105010	PP LEDSPOT 111 15 W/940 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075105096	PP LEDSPOT 111 15 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075105072	PP LEDSPOT 111 15 W/930 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075105119	PP LEDSPOT 111 16 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075104891	PP LEDSPOT 111 12 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	1605.00 g
4058075104952	PP LEDSPOT 111 12 W/927 G53	Shipping carton box 6	275 mm x 185 mm x 130 mm	6.61 dm ³	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

— For Guarantee see

▶ www.osram.com/guarantee

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

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.

OSRAM is distribution partner
of LEDVANCE of LAMPS

OSRAM

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