

# PRODUCT FAMILY DATASHEET

## PARATHOM R50 DIM

Dimmable LED reflector lamps R50 with retrofit screw base



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### AREAS OF APPLICATION

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

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### PRODUCT FEATURES

- Professional LED alternative to halogen lamps
- Good color rendering index  $R_a: \geq 80$
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



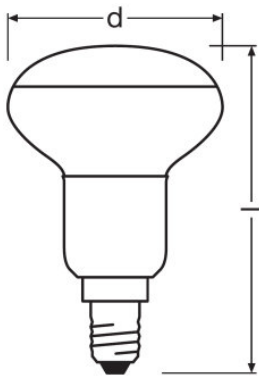
## TECHNICAL DATA

Product description	Electrical data			Photometrical data							Light technical data
	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Luminous intensity	Nominal luminous flux	Rated luminous flux	Color temperature	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Light color (designation)	Beam angle
P R50 ADV 46 36° DIM 3.5 W/827 E14 <sup>1)</sup>	3.50 W	220...240 V	46 W	460 cd	230 lm	230 lm	2700 K	≥80	0.70	Warm White	36 °
P R50 24 50° DIM 3.5 W/827 E14 <sup>1)</sup>	3.50 W	220...240 V	24 W		240 lm	240 lm	2700 K	≥80	0.70	Warm White	50 °

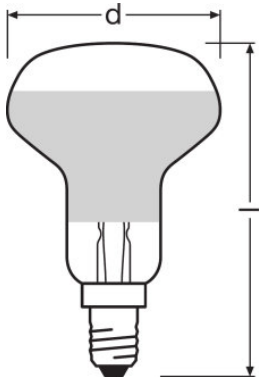
Product description	Warm-up time (60 %)	Dimensions & weight		Lifespan		Additional product data			Capabilities
		Overall length	Diameter	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Dimmable
P R50 ADV 46 36° DIM 3.5 W/827 E14 <sup>1)</sup>	< 1.00 s	84.0 mm	49.0 mm	25000 h	100000	E14	0.0 mg	Yes	Yes
P R50 24 50° DIM 3.5 W/827 E14 <sup>1)</sup>	< 0.50 s	86.0 mm	50.0 mm	15000 h	100000	E14	0.0 mg	Yes	Yes

Product description	Certificates & standards		Country-specific categorizations
	Energy consumption	Energy efficiency class	ILCOS
P R50 ADV 46 36° DIM 3.5 W/827 E14 <sup>1)</sup>	4 kWh/1000h	A+	DRR-3,5/827-220-240-E14-50/36
P R50 24 50° DIM 3.5 W/827 E14 <sup>1)</sup>	4 kWh/1000h	A+	DRRR-3,5-220/240-E14-50/20

<sup>1)</sup> 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



P R50 ADV 46 36° DIM 3.5 W/827 E14



P R50 24 50° DIM 3.5 W/827 E14

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
4052899954953	P R50 ADV 46 36° DIM 3.5 W/827 E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm <sup>3</sup>	568.00 g
4058075809086	P R50 24 50° DIM 3.5 W/827 E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm <sup>3</sup>	350.00 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.ledvance.com/dim](http://www.ledvance.com/dim)

For further products and actual information concerning LED lamps see

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

For Guarantee see

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

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