

# 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: up to  $R_a$  90
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



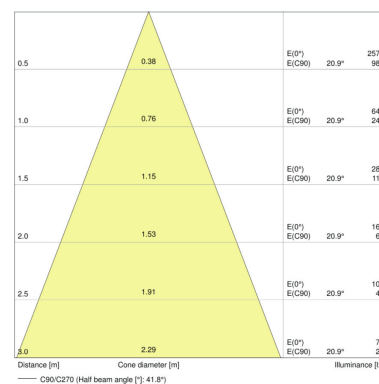
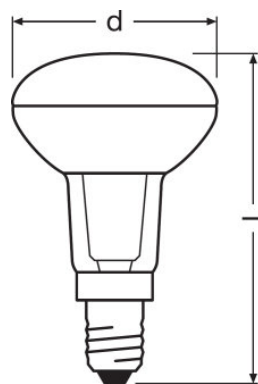
TECHNICAL DATA

Product description	Electrical data					Photometrical data			
	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Nominal luminous flux	Rated luminous flux	Color temperature	Lumen main.fact.at end of nom.life time
P R50 60 36° 5.9 W/2700K E14 <sup>1)</sup>	5.90 W	220...240 V	60 W	183	293	345 lm	345 lm	2700 K	0.70

Product description	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Light technical data		Dimensions & weight		Temperatures & operating conditions	Lifespan
					Beam angle	Warm-up time (60 %)	Overall length	Diameter	Maximum temperature at tc test point	Nominal lamp life time
P R50 60 36° 5.9 W/2700K E14 <sup>1)</sup>	Warm White	2700 K	345 lm	≥90	36 °	< 0.50 s	85.0 mm	50.0 mm	88 °C	25000 h

Product description	Number of switching cycles	Additional product data			Capabilities	Certificates & standards	
		Base (standard designation)	Mercury content	Mercury-free	Dimmable	Energy efficiency class	Energy consumption
P R50 60 36° 5.9 W/2700K E14 <sup>1)</sup>	100000	E14	0.0 mg	Yes	Yes	A+	6 kWh/1000h

<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



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### APPLICATION ADVICE

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

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075096950	Shipping carton box 10	287 mm x 119 mm x 106 mm	953.00 g	3.62 dm <sup>3</sup>

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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