

PARATHOM advanced R50

Dimmable LED reflector lamps R50 with retrofit screw base



Areas of application

- High-quality domestic and professional environments
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, etc.

Product benefits

- Ideal for economical spotlighting
- Replacement for white incandescent reflector lamps up to 40 W
- Very low energy consumption
- Robust against vibrations

Product features

- High-quality LED replacement for halogen reflector lamps
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Compatible with many common electronic control gears (see also compatibility list)
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Lifetime: up to 25,000 h
- Mercury-free lamps
- High color consistency: < 6 SDCM



Product family datasheet

Technical data

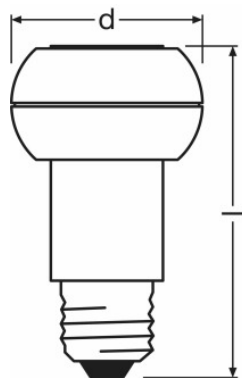
Product description	Electrical data				Photometrical data					Light technical data
	Nominal wattage	Nominal voltage	Claimed equiv. conventional lamp power	Rated luminous flux	Luminous intensity	Nominal luminous flux	Color temperature	Color rendering index Ra	Light color (designation)	Beam angle
PARATHOM R50 40 30° ADV 3.5 W/827 E27 ¹⁾	3.50 W	220...240 V	40 W	230 lm	600 cd	230 lm	2700 K	≥80	Warm White	30 °
PARATHOM R50 40 30° ADV 3.5 W/827 E14 ¹⁾	3.50 W	220...240 V	40 W	230 lm	600 cd	230 lm	2700 K	≥80	Warm White	30 °

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)	Lamp mercury content	Mercury-free	Dimmable
PARATHOM R50 40 30° ADV 3.5 W/827 E27 ¹⁾	< 0.50 s	86.0 mm	50.0 mm	25000 h	100000	0.70	E27	0.0 mg	Yes	Yes
PARATHOM R50 40 30° ADV 3.5 W/827 E14 ¹⁾	< 0.50 s	86.0 mm	50.0 mm	25000 h	100000	0.70	E14	0.0 mg	Yes	Yes

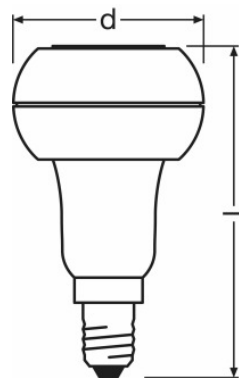
Product description	Certificates & standards		Country specific categorizations
	Energy efficiency class	Energy consumption	ILCOS
PARATHOM R50 40 30° ADV 3.5 W/827 E27 ¹⁾	A+	4 kWh/1000h	DRRR-3/827-230-E27-50/30
PARATHOM R50 40 30° ADV 3.5 W/827 E14 ¹⁾	A+	4 kWh/1000h	DRRR-2/827-230-E14-50/30

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 R50 40 30° ADV 3.5
W/827 E27



PARATHOM R50 40 30° ADV 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
4052899938663	PARATHOM R50 40 30° ADV 3.5 W/827 E27	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm ³	1093.00 g
4052899938670	PARATHOM R50 40 30° ADV 3.5 W/827 E14	Shipping carton box 10	267 mm x 111 mm x 102 mm	3.02 dm ³	878.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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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.

Disclaimer

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