

PRODUCT FAMILY DATASHEET

PARATHOM R50

LED reflector lamps R50 with retrofit screw base



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

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- Professional LED alternative to halogen lamps
- 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 25 36° 1.6 W/2700K E14 ¹⁾	1.60 W	220...240 V	25 W			110 lm	110 lm	2700 K	0.70
P R50 25 36° 1.5 W/2700K E14 ¹⁾	1.50 W	220...240 V	25 W	300	400	110 lm	110 lm	2700 K	0.70
P R50 19 60° 2.8 W/2700K E14 ¹⁾	2.80 W	220...240 V	19 W			180 lm	180 lm	2700 K	0.70
P R50 40 36° 3.3 W/2700K E14 ¹⁾	3.30 W	220...240 V	40 W			210 lm	210 lm	2700 K	0.70
P R50 40 36° 2.6 W/2700K E14 ¹⁾	2.60 W	220...240 V	40 W	300	400	210 lm	210 lm	2700 K	0.70
P R50 60 36° 4.3 W/2700K E14 ¹⁾	4.30 W	220...240 V	60 W	300	400	345 lm	345 lm	2700 K	0.70

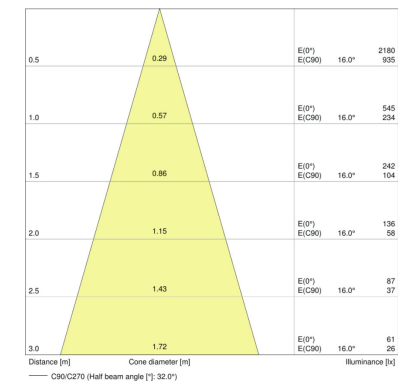
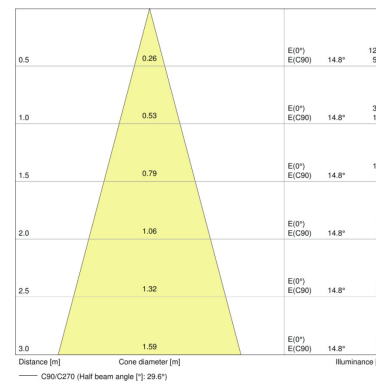
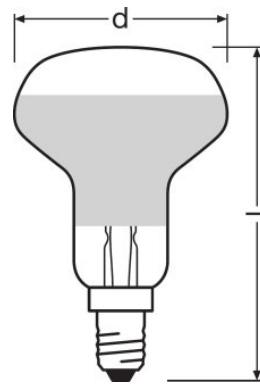
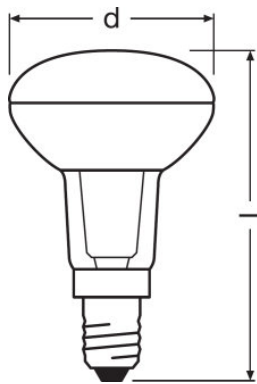
Product description	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Light technical data		Dimensions & weight		Temperatures & operating conditions	Lifespan
					Beam angle	Warm-up time (60 %)	Overall length	Diameter	Maximum temperature at tc test point	Nominal lamp life time
P R50 25 36° 1.6 W/2700K E14 ¹⁾	Warm White	2700 K	110 lm	≥80	36 °	< 0.50 s	85.0 mm	53.5 mm	58 °C	15000 h
P R50 25 36° 1.5 W/2700K E14 ¹⁾	Warm White	2700 K	110 lm	≥80	36 °	< 0.50 s	85.0 mm	50.0 mm	58 °C	15000 h
P R50 19 60° 2.8 W/2700K E14 ¹⁾	Warm White	2700 K	180 lm	≥80	60 °	< 0.50 s	85.0 mm	50.0 mm	47 °C	15000 h
P R50 40 36° 3.3 W/2700K E14 ¹⁾	Warm White	2700 K	210 lm	≥80	36 °	< 0.50 s	85.0 mm	53.5 mm	70 °C	15000 h
P R50 40 36° 2.6 W/2700K E14 ¹⁾	Warm White	2700 K	210 lm	≥80	36 °	< 0.50 s	85.0 mm	50.0 mm	70 °C	15000 h
P R50 60 36° 4.3 W/2700K E14 ¹⁾	Warm White	2700 K	345 lm	≥80	36 °	< 0.50 s	85.0 mm	53.5 mm	84 °C	15000 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 25 36° 1.6 W/2700K E14 ¹⁾	100000	E14	0.0 mg	Yes	No	A++	2 kWh/1000h
P R50 25 36° 1.5 W/2700K E14 ¹⁾	100000	E14	0.0 mg	Yes	No	A+	2 kWh/1000h
P R50 19 60° 2.8 W/2700K E14 ¹⁾	100000	E14	0.0 mg	Yes	No	A+	3 kWh/1000h
P R50 40 36° 3.3 W/2700K E14 ¹⁾	100000	E14	0.0 mg	Yes	No	A+	4 kWh/1000h
P R50 40 36° 2.6 W/2700K E14 ¹⁾	100000	E14	0.0 mg	Yes	No	A++	3 kWh/1000h

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° 4.3 W/2700K E14 ¹⁾	100000	E14	0.0 mg	Yes	No	A+	5 kWh/1000h

Product description	Country-specific categorizations
	ILCOS
P R50 25 36° 1.6 W/2700K E14 ¹⁾	
P R50 25 36° 1.5 W/2700K E14 ¹⁾	
P R50 19 60° 2.8 W/2700K E14 ¹⁾	DRRR-2,8-220/240-E14-50/19
P R50 40 36° 3.3 W/2700K E14 ¹⁾	
P R50 40 36° 2.6 W/2700K E14 ¹⁾	
P R50 60 36° 4.3 W/2700K E14 ¹⁾	

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

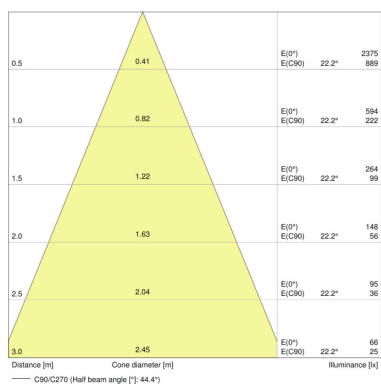


P R50 25 36° 1.6 W/2700K E14, P R50
25 36° 1.5 W/2700K E14, P R50 40 36°
3.3 W/2700K E14, P R50 40 36° 2.6
W/2700K E14, P R50 60 36° 4.3
W/2700K E14

P R50 19 60° 2.8 W/2700K E14

P R50 25 36° 1.6 W/2700K E14, P R50
25 36° 1.5 W/2700K E14

P R50 40 36° 3.3 W/2700K E14, P R50
40 36° 2.6 W/2700K E14



P R50 60 36° 4.3 W/2700K E14

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
4058075096851	Shipping carton box 10	267 mm x 111 mm x 102 mm	908.00 g	3.02 dm ³
4058075263895	Shipping carton box 10	287 mm x 119 mm x 106 mm	836.00 g	3.62 dm ³
4058075813588	Shipping carton box 10	267 mm x 111 mm x 102 mm	362.00 g	3.02 dm ³
4058075096912	Shipping carton box 10	267 mm x 111 mm x 102 mm	908.00 g	3.02 dm ³
4058075263918	Shipping carton box 10	287 mm x 119 mm x 106 mm	836.00 g	3.62 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097278	Shipping carton box 10	267 mm x 111 mm x 102 mm	908.00 g	3.02 dm ³
4058075264670	Shipping carton box 10	287 mm x 119 mm x 106 mm	836.00 g	3.62 dm ³

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 further products and actual information concerning LED lamps see

▶ www.ledvance.com/ledlamps

For Guarantee see

▶ www.ledvance.com/guarantee

DISCLAIMER

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