

PRODUCT FAMILY DATASHEET

PARATHOM R80

LED reflector lamps R80 with retrofit screw base



AREAS OF APPLICATION

- Display cabinets and shop windows
- Museums, art galleries
- 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)	Luminous intensity [PIM]	Nominal luminous flux	Rated luminous flux	Color temperature	Lumen main.fact. at end of nom.life time
P R80 71 36° 5 W/2700K E27 ¹⁾	5.00 W	220...240 V	71 W			970 cd	390 lm	390 lm	2700 K	0.70
P R80 32 60° 4 W/2700K E27 ¹⁾	4.00 W	220...240 V	32 W				360 lm	360 lm	2700 K	0.70
P R80 60 36° 4.3 W/2700K E27 ¹⁾	4.30 W	220...240 V	60 W	300	400		345 lm	345 lm	2700 K	0.70
P R80 100 36° 9.1 W/2700K E27 ¹⁾	9.10 W	220...240 V	100 W				670 lm	670 lm	2700 K	0.70

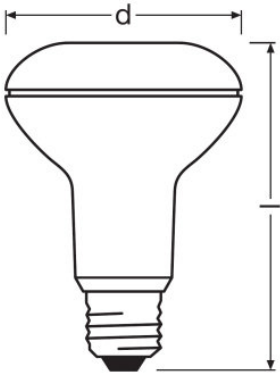
Product description	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Light technical data		Dimensions & weight		Temperatures & operating conditions
					Beam angle	Warm-up time (60 %)	Overall length	Diameter	Maximum temperature at tc test point
P R80 71 36° 5 W/2700K E27 ¹⁾	Warm White	2700 K	390 lm	≥80	36 °	< 0.50 s	110.0 mm	80.0 mm	75 °C
P R80 32 60° 4 W/2700K E27 ¹⁾	Warm White	2700 K	360 lm	≥80	60 °	< 0.50 s	115.0 mm	80.0 mm	48 °C
P R80 60 36° 4.3 W/2700K E27 ¹⁾	Warm White	2700 K	345 lm	≥80	36 °	< 0.50 s	115.0 mm	80.0 mm	76 °C
P R80 100 36° 9.1 W/2700K E27 ¹⁾	Warm White	2700 K	670 lm	≥80	36 °	< 0.50 s	115.0 mm	80.0 mm	87 °C

Product description	Lifespan		Additional product data			Capabilities	Certificates & standards	
	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Dimmable	Energy efficiency class	Energy consumption
P R80 71 36° 5 W/2700K E27 ¹⁾	15000 h	100000	E27	0.0 mg	Yes	No	A+	5 kWh/1000h
P R80 32 60° 4 W/2700K E27 ¹⁾	15000 h	100000	E27	0.0 mg	Yes	No	A+	4 kWh/1000h
P R80 60 36° 4.3 W/2700K E27 ¹⁾	15000 h	100000	E27	0.0 mg	Yes	No	A+	5 kWh/1000h
P R80 100 36° 9.1 W/2700K E27 ¹⁾	15000 h	100000	E27	0.0 mg	Yes	No	A+	10 kWh/1000h

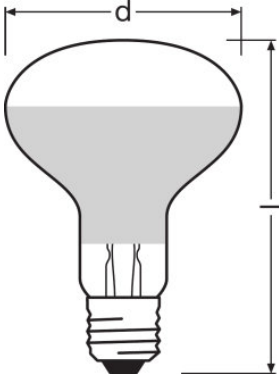
Product description	Country-specific categorizations	
	ILCOS	
P R80 71 36° 5 W/2700K E27 ¹⁾	DRR-5/827-220-240-E27-80/36	

Country-specific categorizations	
Product description	ILCOS
P R80 32 60° 4 W/2700K E27 ¹⁾	DRRR-4/827-220-240-E27-80/30
P R80 60 36° 4.3 W/2700K E27 ¹⁾	
P R80 100 36° 9.1 W/2700K E27 ¹⁾	

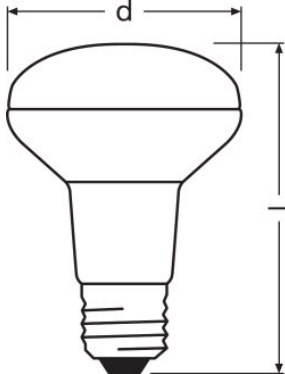
¹⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value



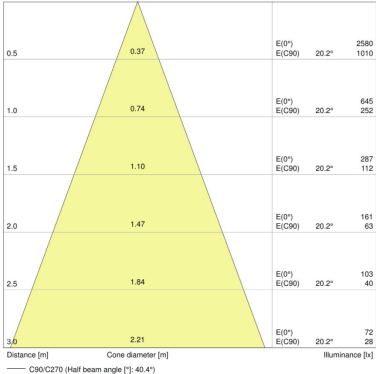
P R80 71 36° 5 W/2700K E27



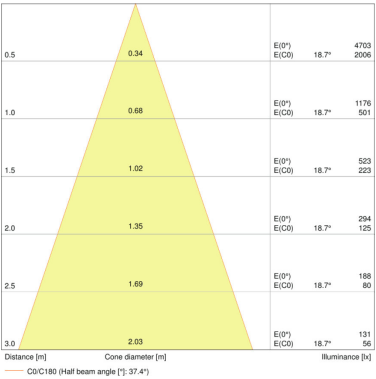
P R80 32 60° 4 W/2700K E27



P R80 60 36° 4.3 W/2700K E27, P R80 100 36° 9.1 W/2700K E27



P R80 60 36° 4.3 W/2700K E27



P R80 100 36° 9.1 W/2700K E27

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
4052899963696	Shipping carton box 10	422 mm x 175 mm x 128 mm	1055.00 g	9.45 dm³
4058075810082	Shipping carton box 10	422 mm x 175 mm x 132 mm	832.00 g	9.75 dm³
4058075097155	Shipping carton box 10	422 mm x 175 mm x 132 mm	2105.00 g	9.75 dm³
4058075264601	Shipping carton box 10	449 mm x 188 mm x 146 mm	2404.00 g	12.32 dm³
4058075097230	Shipping carton box 10	422 mm x 175 mm x 132 mm	2475.00 g	9.75 dm³

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

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.