PRODUCT FAMILY DATASHEET
PARATHOM DIM R80

Dimmable 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

– 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

PRODUCT FEATURES

– Professional LED alternative to halogen lamps
– Mercury-free lamps
– Dimmable (with many common dimmers, see also www.ledvance.com/dim)

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 temper-ature	Lumen main.fact.at end of nom.life time
P R80 60 36° 5.9 W/2700K E27 [1]	5.90 W	220...240 V	60 W	183	293	345 lm	345 lm	2700 K	0.70
P R80 100 36° 9.6 W/2700K E27 [1]	9.60 W	220...240 V	100 W	123	198	670 lm	670 lm	2700 K	0.70

Product description					Light technical data		Dimensions & weight		Temperatures & operating conditions	Lifespan
	Light color (designation)	Color temper-ature	Luminous flux	Color render-ing index Ra	Beam angle	Warm-up time (60 %)	Overall length	Diameter	Maximum temperature at tc test point	Nominal lamp life time
P R80 60 36° 5.9 W/2700K E27 [1]	Warm White	2700 K	345 lm	≥90	36 °	< 0.50 s	113.0 mm	80.0 mm	70 °C	15000 h
P R80 100 36° 9.6 W/2700K E27 [1]	Warm White	2700 K	670 lm	≥80	36 °	< 0.50 s	113.0 mm	80.0 mm	84 °C	25000 h

| Product description	Additional product data				Capabilities	Certificates & standards	
	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free	Dimmable	Energy efficiency class	Energy consumption
P R80 60 36° 5.9 W/2700K E27 [1]	100000	E27	0.0 mg	Yes	Yes	A+	6 kWh/1000h
P R80 100 36° 9.6 W/2700K E27 [1]	100000	E27	0.0 mg	Yes	Yes	A+	10 kWh/1000h

[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
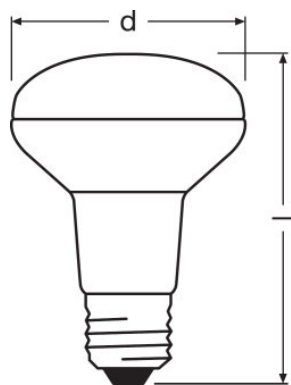
P R80 60 36° 5.9 W/2700K E27, P R80 100 36° 9.6 W/2700K E27
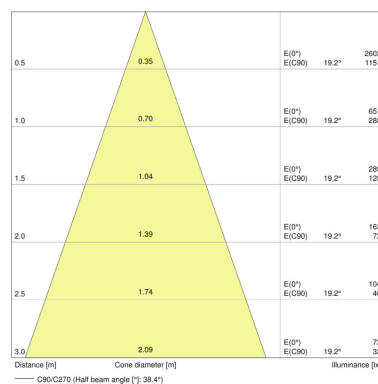
P R80 60 36° 5.9 W/2700K E27
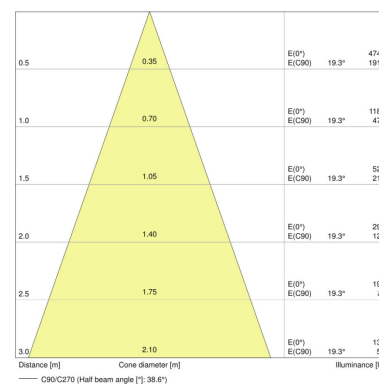
P R80 100 36° 9.6 W/2700K E27

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
4058075097315	Shipping carton box 10	449 mm x 188 mm x 146 mm	2464.00 g	12.32 dm³
4058075097193	Shipping carton box 10	449 mm x 188 mm x 146 mm	3007.00 g	12.32 dm³

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

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.

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