

PRODUCT FAMILY DATASHEET

PARATHOM DIM PAR20

Dimmable LED reflector lamps PAR20 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

- 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 PAR20 lamps
- Good color rendering index $R_a \geq 80$
- Dimmable (with many common dimmers, see also 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)	Luminous intensity [PIM]	Nominal luminous flux	Rated luminous flux	Color temperature	Lumen main.fact.a t end of nom.life time
P PAR 20 50 36° 5 W/2700K E27 ¹⁾	5.00 W	220...240 V	50 W			850 cd	345 lm	345 lm	2700 K	0.70
P PAR20 DIM 50 36° 5 W/2700K E27 ¹⁾	5.00 W	220...240 V	50 W	143	230		345 lm	345 lm	2700 K	0.70
P PAR 20 50 36° 5 W/2700K E27 ¹⁾	5.00 W	220...240 V	50 W	140	200		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
					Beam angle	Warm-up time (60 %)	Overall length	Diameter	Maximum temperature at tc test point
P PAR 20 50 36° 5 W/2700K E27 ¹⁾	Warm White	2700 K	345 lm	≥80	36 °	< 0.50 s	85.0 mm	65.0 mm	75 °C
P PAR20 DIM 50 36° 5 W/2700K E27 ¹⁾	Warm White	2700 K	345 lm	≥80	36 °	< 0.50 s	88.0 mm	64.0 mm	75 °C
P PAR 20 50 36° 5 W/2700K E27 ¹⁾	Warm White	2700 K	345 lm	≥90	36 °	< 0.50 s	78.0 mm	63.0 mm	85 °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 PAR 20 50 36° 5 W/2700K E27 ¹⁾	25000 h	15000	E27	0.0 mg	Yes	Yes	A+	5 kWh/1000h
P PAR20 DIM 50 36° 5 W/2700K E27 ¹⁾	25000 h	100000	E27	0.0 mg	Yes	Yes	A+	5 kWh/1000h
P PAR 20 50 36° 5 W/2700K E27 ¹⁾	25000 h	100000	E27	0.0 mg	Yes	Yes	A+	5 kWh/1000h

Product description	Country-specific categorizations
	ILCOS
P PAR 20 50 36° 5 W/2700K E27 ¹⁾	DRPAR-5/827-220-240-E27-63/36

Country-specific categorizations

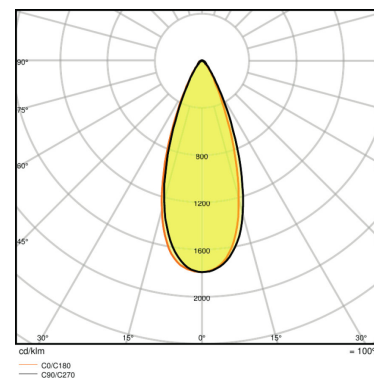
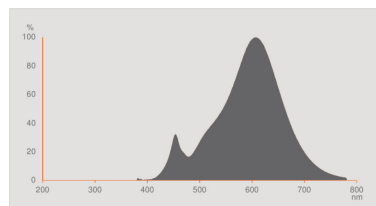
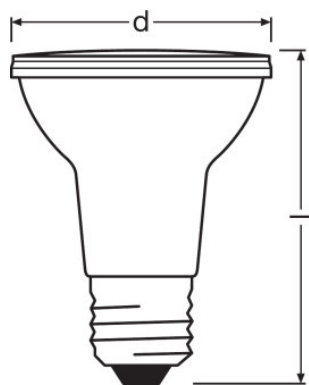
Product description

ILCOS

P PAR20 DIM 50 36° 5 W/2700K E27
1)

P PAR 20 50 36° 5 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 PAR 20 50 36° 5 W/2700K E27, P
PAR20 DIM 50 36° 5 W/2700K E27, P
PAR 20 50 36° 5 W/2700K E27

P PAR 20 50 36° 5 W/2700K E27

P PAR20 DIM 50 36° 5 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
4058075813205	Shipping carton box 6	210 mm x 142 mm x 106 mm	781.00 g	3.16 dm ³
4058075105423	Shipping carton box 6	210 mm x 142 mm x 106 mm	707.00 g	3.16 dm ³
4058075264274	Shipping carton box 6	210 mm x 142 mm x 106 mm	797.00 g	3.16 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 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.