

# PRODUCT FAMILY DATASHEET

## PARATHOM CLASSIC A DIM

Dimmable LED lamps, classic bulb shape



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### AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

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### PRODUCT FEATURES

- LED alternative to conventional lamps
- Good quality of light; color rendering index  $R_a: \geq 80$ ; constant chromaticity
- High color consistency:  $< 6$  SDCM
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



TECHNICAL DATA

Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	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	Light color (designation)
P CLAS A 60 FR 9 W/2700K E27 <sup>1)</sup>	9.00 W	220...240 V			806 lm	806 lm	2700 K	0.70	Warm White
P CLAS A 60 FR 9 W/2700K E27 <sup>1)</sup>	9.00 W	220...240 V			806 lm	806 lm	2700 K	0.70	Warm White
P CLAS A 60 8.8 W/2700K E27 <sup>1)</sup>	8.80 W	220...240 V	80	140	806 lm	806 lm	2700 K	0.70	Warm White
P CLAS A 75 FR 10.5 W/2700K E27 <sup>2)</sup>	10.50 W	220...240 V			1055 lm	1055 lm	2700 K	0.70	Warm White
P CLAS A 75 FR 11 W/2700K E27 <sup>2)</sup>	11.00 W	220...240 V	70	110	1055 lm	1055 lm	2700 K	0.70	Warm White
P CLAS A 100 13 W/2700K E27 <sup>3)</sup>	13.00 W	220...240 V			1521 lm	1521 lm	2700 K	0.70	Warm White
P CLAS A 100 14 W/2700K E27 <sup>3)</sup>	14.00 W	220...240 V			1521 lm	1521 lm	2700 K	0.70	Warm White
P CLAS A 100 13 W/2700K E27 <sup>3)</sup>	13.00 W	220...240 V	70	120	1521 lm	1521 lm	2700 K	0.70	Warm White
P CLAS A 150 21 W/2700K E27 <sup>3)</sup>	21.00 W	220...240 V	45	72	2452 lm	2452 lm	2700 K	0.70	Warm White

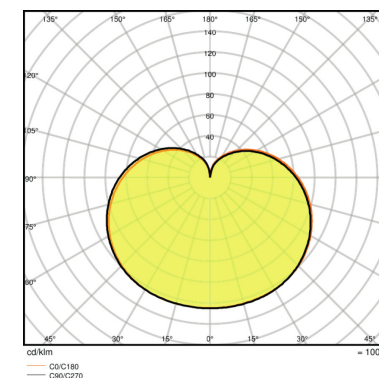
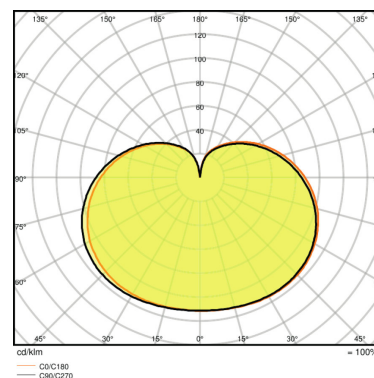
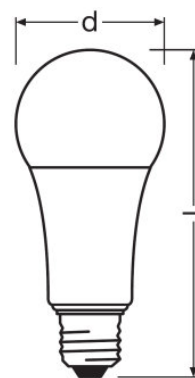
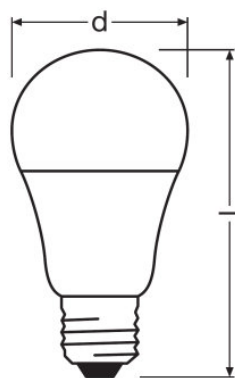
Product description	Color temperature	Luminous flux	Color rendering index Ra	Light technical data	Dimensions & weight		Lifespan		Additional product data
				Warm-up time (60 %)	Overall length	Diameter	Nominal lamp life time	Number of switching cycles	Base (standard designation)
P CLAS A 60 FR 9 W/2700K E27 <sup>1)</sup>	2700 K	806 lm	≥80	< 0.50 s	108.0 mm	61.5 mm	25000 h	100000	E27
P CLAS A 60 FR 9 W/2700K E27 <sup>1)</sup>	2700 K	806 lm	≥80	< 0.50 s	112.0 mm	60.0 mm	25000 h	100000	E27
P CLAS A 60 8.8 W/2700K E27 <sup>1)</sup>	2700 K	806 lm	≥80	< 0.50 s	112.0 mm	60.0 mm	25000 h	100000	E27
P CLAS A 75 FR 10.5 W/2700K E27 <sup>2)</sup>	2700 K	1055 lm	≥80	< 0.50 s	115.0 mm	60.0 mm	25000 h	100000	E27
P CLAS A 75 FR 11 W/2700K E27 <sup>2)</sup>	2700 K	1055 lm	≥80	< 0.50 s	110.0 mm	60.0 mm	25000 h	100000	E27
P CLAS A 100 13 W/2700K E27 <sup>3)</sup>	2700 K	1521 lm	≥80	< 0.50 s	115.0 mm	61.5 mm	25000 h	100000	E27
P CLAS A 100 14 W/2700K E27 <sup>3)</sup>	2700 K	1521 lm	≥80	< 0.50 s	134.0 mm	70.0 mm	25000 h	100000	E27
P CLAS A 100 13 W/2700K E27 <sup>3)</sup>	2700 K	1521 lm	≥80	< 0.50 s	120.0 mm	60.0 mm	25000 h	100000	E27
P CLAS A 150 21 W/2700K E27 <sup>3)</sup>	2700 K	2452 lm	≥80	< 0.50 s	143.0 mm	67.0 mm	25000 h	100000	E27

Product description	Mercury content	Mercury-free	Capabilities	Certificates & standards		Country-specific categorizations
			Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS A 60 FR 9 W/2700K E27 <sup>1)</sup>	0.0 mg	Yes	Yes	A+	9 kWh/1000h	DRAA/F-9/827-220-240-E27-60
P CLAS A 60 FR 9 W/2700K E27 <sup>1)</sup>	0.0 mg	Yes	Yes	A+	9 kWh/1000h	DRAA/F-9/827-220-240-E27-60
P CLAS A 60 8.8 W/2700K E27 <sup>1)</sup>	0.0 mg	Yes	Yes	A+	9 kWh/1000h	
P CLAS A 75 FR 10.5 W/2700K E27 <sup>2)</sup>	0.0 mg	Yes	Yes	A+	11 kWh/1000h	
P CLAS A 75 FR 11 W/2700K E27 <sup>2)</sup>	0.0 mg	Yes	Yes	A+	11 kWh/1000h	
P CLAS A 100 13 W/2700K E27 <sup>3)</sup>	0.0 mg	Yes	Yes	A+	13 kWh/1000h	DRAA/F-14,5/840-220-240-E27-60
P CLAS A 100 14 W/2700K E27 <sup>3)</sup>	0.0 mg	Yes	Yes	A+	14 kWh/1000h	DRAA/F-14,5/840-220-240-E27-60
P CLAS A 100 13 W/2700K E27 <sup>3)</sup>	0.0 mg	Yes	Yes	A+	14 kWh/1000h	
P CLAS A 150 21 W/2700K E27 <sup>3)</sup>	0.0 mg	Yes	Yes	A+	21 kWh/1000h	DRAA/F-21/827-220-240-E27-60

<sup>1)</sup> 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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

<sup>2)</sup> 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/In development, data preliminary/In preparation/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

<sup>3)</sup> 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

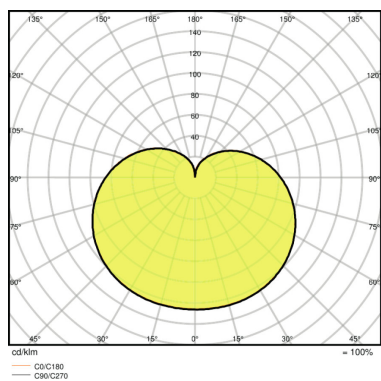


P CLAS A 60 FR 9 W/2700K E27, P CLAS A 60 FR 9 W/2700K E27, P CLAS A 60 8.8 W/2700K E27, P CLAS A 75 FR 10.5 W/2700K E27, P CLAS A 75 FR 11 W/2700K E27

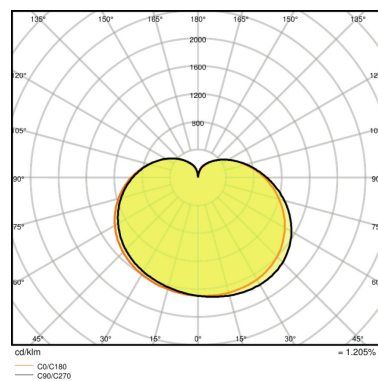
P CLAS A 100 13 W/2700K E27, P CLAS A 100 14 W/2700K E27, P CLAS A 100 13 W/2700K E27, P CLAS A 150 21 W/2700K E27

P CLAS A 60 FR 9 W/2700K E27, P CLAS A 60 FR 9 W/2700K E27

P CLAS A 75 FR 10.5 W/2700K E27, P CLAS A 75 FR 11 W/2700K E27



P CLAS A 100 14 W/2700K E27



P CLAS A 150 21 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
4058075027046	Shipping carton box 10	315 mm x 131 mm x 126 mm	1035.00 g	5.20 dm <sup>3</sup>
4058075100862	Shipping carton box 10	315 mm x 131 mm x 126 mm	1033.00 g	5.20 dm <sup>3</sup>
4058075292567	Shipping carton box 10	318 mm x 133 mm x 124 mm	1033.00 g	5.24 dm <sup>3</sup>
4058075101005	Shipping carton box 10	315 mm x 131 mm x 126 mm	1063.00 g	5.20 dm <sup>3</sup>
4058075292581	Shipping carton box 10	318 mm x 133 mm x 134 mm	1088.00 g	5.67 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899399662	Shipping carton box 10	315 mm x 131 mm x 134 mm	1400.00 g	5.53 dm <sup>3</sup>
4058075101104	Shipping carton box 10	315 mm x 131 mm x 134 mm	1360.00 g	5.53 dm <sup>3</sup>
4058075292604	Shipping carton box 10	348 mm x 145 mm x 159 mm	1477.00 g	8.02 dm <sup>3</sup>
4052899959668	Shipping carton box 10	348 mm x 145 mm x 159 mm	1967.00 g	8.02 dm <sup>3</sup>
4058075147089	Shipping carton box 10	345 mm x 142 mm x 157 mm	1947.00 g	7.69 dm <sup>3</sup>
4058075292628	Shipping carton box 10	348 mm x 145 mm x 159 mm	2457.00 g	8.02 dm <sup>3</sup>

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](http://www.ledvance.com/dim)

For further products and actual information concerning LED lamps see

- ▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

- ▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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