

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC P DIM

Dimmable LED lamps, classic bulb shape



AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)
- Perfect for decorative installations

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- Robust against vibrations
- Lamps with innovative LED "filament" technology
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps
- Lifetime: up to 15,000 h
- Beam angle: up to 300°



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)	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux
P CLAS P 25 3.3 W/2700K E14 ¹⁾	3.30 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 FR 3.3 W/2700K E14 ¹⁾	3.30 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.8 W/2700K E14 ¹⁾	2.80 W	220...240 V	696	1115	2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.8 W/2700K E27 ¹⁾	2.80 W	220...240 V	696	1115	2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 FR 3.3 W/2700K E27 ¹⁾	3.30 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 40 FR 4.5 W/2700K E14 ²⁾	4.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 FR 5 W/2700K E14 ¹⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 CL 4.5 W/2700K E14 ²⁾	4.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 4.5 W/2700K E14 ²⁾	4.50 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 CL 5 W/2700K E14 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 FR 5 W/2700K E14 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 4.5 W/2700K E14 ²⁾	4.50 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 4.5 W/2700K B22d ²⁾	4.50 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 FR 5 W/2700K B22d ²⁾	5.00 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 CL 5 W/2700K E27 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 CL 4.5 W/2700K E27 ²⁾	4.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 FR 5 W/2700K E27 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 FR 4.5 W/2700K E27 ²⁾	4.50 W	220...240 V	460	736	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 CL 5 W/2700K E14 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 CL 5 W/2700K E27 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 60 FR 6.5 W/2700K E14 ¹⁾	6.50 W	220...240 V	589	943	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS P 60 6.5 W/2700K E14 ¹⁾	6.50 W	220...240 V	589	943	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS P 60 7 W/4000K E27 ¹⁾	7.00 W	220...240 V	306	490	4000 K	0.70	Cool White	4000 K	806 lm

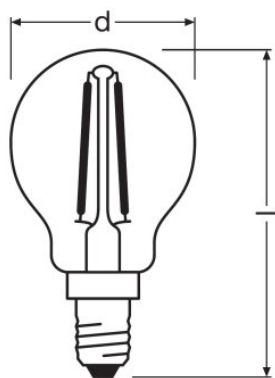
Product description	Color rendering index Ra	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
		Warm-up time (60 %)	Starting time	Overall length	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
P CLAS P 25 3.3 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 25 FR 3.3 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 25 2.8 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 25 2.8 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS P 25 FR 3.3 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS P 40 FR 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	110.0 mm	65 °C	20000 h	100000	E14	Yes
P CLAS P 40 FR 5 W/2700K E14 ¹⁾	≥80	< 1.00 s	< 0.5 s	97.0 mm		15000 h	100000	E14	Yes
P CLAS P 40 CL 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	110.0 mm	65 °C	20000 h	100000	E14	Yes
P CLAS P 40 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 40 CL 5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	65 °C	15000 h	100000	E14	Yes
P CLAS P 40 FR 5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 40 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 40 4.5 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	76.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS P 40 FR 5 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	76.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS P 40 CL 5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	65 °C	15000 h	100000	E27	Yes
P CLAS P 40 CL 4.5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	84.0 mm	65 °C	20000 h	100000	E27	Yes
P CLAS P 40 FR 5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS P 40 FR 4.5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS P 40 CL 5 W/2700K E14 ²⁾	95	< 0.50 s	< 0.5 s	110.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 40 CL 5 W/2700K E27 ²⁾	95	< 0.50 s	< 0.5 s	80.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS P 60 FR 6.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	110.0 mm	55 °C	15000 h	100000	E14	Yes
P CLAS P 60 6.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	55 °C	15000 h	100000	E14	Yes
P CLAS P 60 7 W/4000K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	105.0 mm	50 °C	15000 h	100000	E27	Yes

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS P 25 3.3 W/2700K E14 ¹⁾	Yes	A+	4 kWh/1000h	

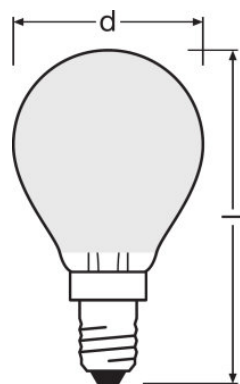
Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS P 25 FR 3.3 W/2700K E14 ¹⁾	Yes	A+	4 kWh/1000h	
P CLAS P 25 2.8 W/2700K E14 ¹⁾	Yes	A++	3 kWh/1000h	
P CLAS P 25 2.8 W/2700K E27 ¹⁾	Yes	A++	3 kWh/1000h	
P CLAS P 25 FR 3.3 W/2700K E27 ¹⁾	Yes	A+	4 kWh/1000h	
P CLAS P 40 FR 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	DRBP/F-5/827-220-240-E14-45
P CLAS P 40 FR 5 W/2700K E14 ¹⁾	Yes	A+	5 kWh/1000h	DRBP/F-5/827-220-240-E14-45
P CLAS P 40 CL 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	DRBP/C-4,5/827-220/240-E14-45
P CLAS P 40 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	
P CLAS P 40 CL 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	DRBP/C-4,5/827-220/240-E14-45
P CLAS P 40 FR 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS P 40 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	
P CLAS P 40 4.5 W/2700K B22d ²⁾	Yes	A++	5 kWh/1000h	
P CLAS P 40 FR 5 W/2700K B22d ²⁾	Yes	A+	5 kWh/1000h	DRBP/F-4,5/827-220-240-B22D-45
P CLAS P 40 CL 5 W/2700K E27 ²⁾	Yes	A+	5 kWh/1000h	DRBP/C-4,5-827-220-240-E27-45
P CLAS P 40 CL 4.5 W/2700K E27 ²⁾	Yes	A++	5 kWh/1000h	DRBP/C-4,5-827-220-240-E27-45
P CLAS P 40 FR 5 W/2700K E27 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS P 40 FR 4.5 W/2700K E27 ²⁾	Yes	A++	5 kWh/1000h	
P CLAS P 40 CL 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS P 40 CL 5 W/2700K E27 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS P 60 FR 6.5 W/2700K E14 ¹⁾	Yes	A++	6 kWh/1000h	
P CLAS P 60 6.5 W/2700K E14 ¹⁾	Yes	A++	5 kWh/1000h	
P CLAS P 60 7 W/4000K E27 ¹⁾	Yes	A++	7 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

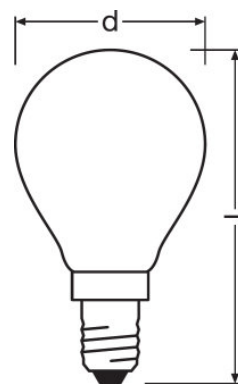
²⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value/In preparation



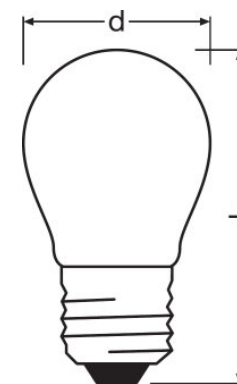
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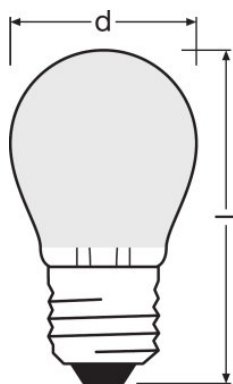
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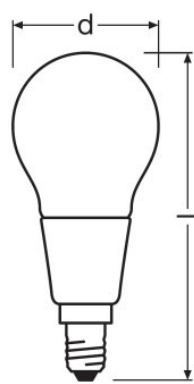
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40 4.5 W/2700K E14, P CLAS P 60 6.5
W/2700K E14



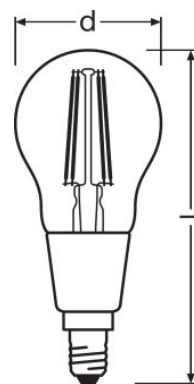
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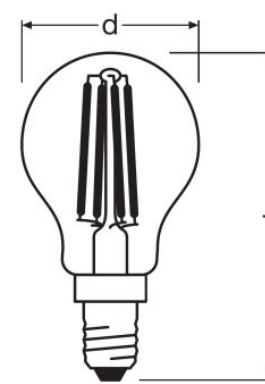
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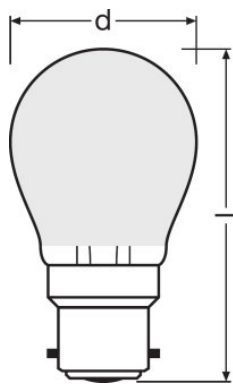
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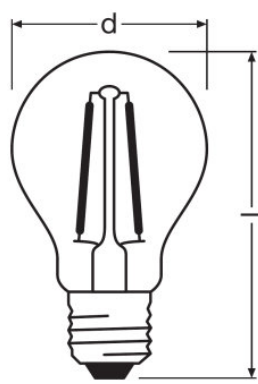
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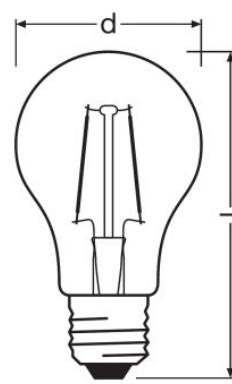
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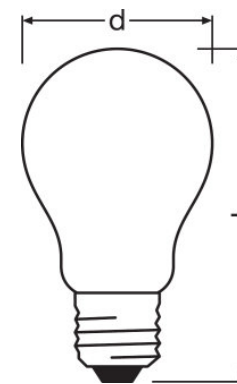
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P CLAS P 40 CL 5 W/2700K E27, P CLAS P 40 CL 4.5 W/2700K E27



P CLAS P 40 CL 5 W/2700K E27



P CLAS P 60 7 W/4000K 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
4058075108172	Shipping carton box 10	240 mm x 101 mm x 108 mm	298.00 g	2.62 dm ³
4058075101326	Shipping carton box 10	240 mm x 101 mm x 108 mm	298.00 g	2.62 dm ³
4058075288492	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075288515	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075101340	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075817128	Shipping carton box 10	240 mm x 101 mm x 127 mm	446.00 g	3.08 dm ³
4052899959750	Shipping carton box 10	240 mm x 101 mm x 127 mm	378.00 g	3.08 dm ³
4058075810334	Shipping carton box 10	240 mm x 101 mm x 127 mm	426.00 g	3.08 dm ³
4058075288133	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075101425	Shipping carton box 10	240 mm x 101 mm x 108 mm	298.00 g	2.62 dm ³
4058075101401	Shipping carton box 10	240 mm x 101 mm x 108 mm	298.00 g	2.62 dm ³
4058075288195	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075288232	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075101388	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075233904	Shipping carton box 10	245 mm x 102 mm x 101 mm	353.00 g	2.52 dm ³
4058075101463	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075817203	Shipping carton box 10	240 mm x 101 mm x 108 mm	381.00 g	2.62 dm ³
4058075101449	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075288218	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075134553	Shipping carton box 10	240 mm x 101 mm x 127 mm	455.00 g	3.08 dm ³
4058075134577	Shipping carton box 10	240 mm x 101 mm x 108 mm	366.00 g	2.62 dm ³
4058075101500	Shipping carton box 10	240 mm x 101 mm x 127 mm	428.00 g	3.08 dm ³
4058075233843	Shipping carton box 10	245 mm x 102 mm x 101 mm	303.00 g	2.52 dm ³
4058075288256	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075287433	Shipping carton box 10	325 mm x 136 mm x 126 mm	543.00 g	5.57 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.

DISCLAIMER

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