

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC P DIM

Dimmable LED lamps, classic bulb shape



AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires
- 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						Light technical data		Dimensions & weight
	Nominal wattage	Nominal voltage	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Warm-up time (60 %)	Starting time	Overall length
P CLAS P 25 FR 2.5 W/2700 K E14 ¹⁾	2.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	77.0 mm
P CLAS P 25 FR 2.5 W/2700 K E27 ¹⁾	2.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	77.0 mm
P CLAS P 25 3.3 W/2700 K E14 ¹⁾	3.30 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	78.0 mm
P CLAS P 25 FR 3.3 W/2700 K E14 ¹⁾	3.30 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	78.0 mm
P CLAS P 25 FR 3.3 W/2700 K E27 ¹⁾	3.30 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	77.0 mm
P CLAS P 40 CL 4.5 W/2700 K E14 ¹⁾	4.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	110.0 mm
P CLAS P 40 FR 4.5 W/2700 K E14 ²⁾	4.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	110.0 mm
P CLAS P 60 FR 6 W/2700 K E14 ¹⁾	6.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	110.0 mm
P CLAS P 40 FR 4.5 W/2700 K E27 ²⁾	4.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	84.0 mm
P CLAS P 40 FR 5 W/2700 K E14 ¹⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 1.00 s	< 0.5 s	97.0 mm
P CLAS P 50 5 W/2700 K E14 ¹⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	640 lm	≥80	< 0.50 s	< 0.5 s	110.0 mm
P CLAS P 40 CL 4.5 W/2700 K E14 ²⁾	4.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	110.0 mm
P CLAS P 40 CL 5 W/2700 K E14 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	78.0 mm
P CLAS P 40 FR 5 W/2700 K E14 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	78.0 mm
P CLAS P 40 FR 5 W/2700 K B22d ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	83.0 mm
P CLAS P 40 CL 5 W/2700 K E27 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	77.0 mm
P CLAS P 40 CL 4.5 W/2700 K E27 ²⁾	4.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	84.0 mm
P CLAS P 40 FR 5 W/2700 K E27 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	77.0 mm
P CLAS P 40 CL 5 W/2700 K E14 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	97	< 0.50 s	< 0.5 s	105.0 mm
P CLAS P 40 CL 5 W/2700 K E27 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	97	< 0.50 s	< 0.5 s	80.0 mm

Product description	Temperatures & operating conditions	Lifespan		Additional product data		Capabilities	Certificates & standards	
	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free	Dimmable	Energy efficiency class	Energy efficiency class
P CLAS P 25 FR 2.5 W/2700 K E14 ¹⁾	50 °C	15000 h	100000	E14	Yes	Yes	A++	A++
P CLAS P 25 FR 2.5 W/2700 K E27 ¹⁾	50 °C	15000 h	100000	E27	Yes	Yes	A++	A++

Product description	Temperatures & operating conditions	Lifespan		Additional product data		Capabilities	Certificates & standards	
	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free	Dimmable	Energy efficiency class	Energy efficiency class
P CLAS P 25 3.3 W/2700 K E14 ¹⁾	50 °C	15000 h	100000	E14	Yes	Yes	A+	A+
P CLAS P 25 FR 3.3 W/2700 K E14 ¹⁾	50 °C	15000 h	100000	E14	Yes	Yes	A+	A+
P CLAS P 25 FR 3.3 W/2700 K E27 ¹⁾	50 °C	15000 h	100000	E27	Yes	Yes	A+	A+
P CLAS P 40 CL 4.5 W/2700 K E14 ¹⁾		15000 h	100000	E14	Yes	Yes	A++	A++
P CLAS P 40 FR 4.5 W/2700 K E14 ²⁾	65 °C	20000 h	100000	E14	Yes	Yes	A++	A++
P CLAS P 60 FR 6 W/2700 K E14 ¹⁾		15000 h	100000	E14	Yes	Yes	A++	A++
P CLAS P 40 FR 4.5 W/2700 K E27 ²⁾	65 °C	20000 h	100000	E27	Yes	Yes	A++	A++
P CLAS P 40 FR 5 W/2700 K E14 ¹⁾		15000 h	100000	E14	Yes	Yes	A+	A+
P CLAS P 50 5 W/2700 K E14 ¹⁾	65 °C	20000 h	100000	E14	Yes	Yes	A++	A++
P CLAS P 40 CL 4.5 W/2700 K E14 ²⁾	65 °C	20000 h	100000	E14	Yes	Yes	A++	A++
P CLAS P 40 CL 5 W/2700 K E14 ²⁾	65 °C	15000 h	100000	E14	Yes	Yes	A+	A+
P CLAS P 40 FR 5 W/2700 K E14 ²⁾	50 °C	15000 h	100000	E14	Yes	Yes	A+	A+
P CLAS P 40 FR 5 W/2700 K B22d ²⁾	65 °C	15000 h	100000	B22d	Yes	Yes	A+	A+
P CLAS P 40 CL 5 W/2700 K E27 ²⁾	65 °C	15000 h	100000	E27	Yes	Yes	A+	A+
P CLAS P 40 CL 4.5 W/2700 K E27 ²⁾	65 °C	20000 h	100000	E27	Yes	Yes	A++	A++
P CLAS P 40 FR 5 W/2700 K E27 ²⁾	50 °C	15000 h	100000	E27	Yes	Yes	A+	A+
P CLAS P 40 CL 5 W/2700 K E14 ²⁾	50 °C	15000 h	100000	E14	Yes	Yes	A+	A+
P CLAS P 40 CL 5 W/2700 K E27 ²⁾	50 °C	15000 h	100000	E27	Yes	Yes	A+	A+

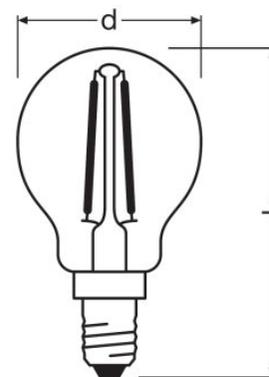
Product description	Energy consumption	Country-specific categorizations
		ILCOS
P CLAS P 25 FR 2.5 W/2700 K E14 ¹⁾	3 kWh/1000h	DRBP/F-3,2/827-220-240-E14-45
P CLAS P 25 FR 2.5 W/2700 K E27 ¹⁾	3 kWh/1000h	DRBP/F-3,2/827-220-240-E27-45
P CLAS P 25 3.3 W/2700 K E14 ¹⁾	4 kWh/1000h	
P CLAS P 25 FR 3.3 W/2700 K E14 ¹⁾	4 kWh/1000h	
P CLAS P 25 FR 3.3 W/2700 K E27 ¹⁾	4 kWh/1000h	
P CLAS P 40 CL 4.5 W/2700 K E14 ¹⁾	5 kWh/1000h	DRBP/C-4,5/827-220/240-E14-45
P CLAS P 40 FR 4.5 W/2700 K E14 ²⁾	5 kWh/1000h	DRBP/F-5/827-220-240-E14-45
P CLAS P 60 FR 6 W/2700 K E14 ¹⁾	5 kWh/1000h	

Country-specific categorizations

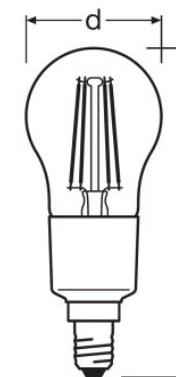
Product description	Energy consumption	ILCOS
P CLAS P 40 FR 4.5 W/2700 K E27 ²⁾	5 kWh/1000h	DRBP/F-4,5/827-220-240-E27-45
P CLAS P 40 FR 5 W/2700 K E14 ¹⁾	5 kWh/1000h	DRBP/F-5/827-220-240-E14-45
P CLAS P 50 5 W/2700 K E14 ¹⁾	5 kWh/1000h	DRBP/F-4,5/827-220-240-E14-45
P CLAS P 40 CL 4.5 W/2700 K E14 ²⁾	5 kWh/1000h	DRBP/C-4,5/827-220/240-E14-45
P CLAS P 40 CL 5 W/2700 K E14 ²⁾	5 kWh/1000h	DRBP/C-4,5/827-220/240-E14-45
P CLAS P 40 FR 5 W/2700 K E14 ²⁾	5 kWh/1000h	
P CLAS P 40 FR 5 W/2700 K B22d ²⁾	5 kWh/1000h	DRBP/F-4,5/827-220-240-B22D-45
P CLAS P 40 CL 5 W/2700 K E27 ²⁾	5 kWh/1000h	DRBP/C-4,5-827-220-240-E27-45
P CLAS P 40 CL 4.5 W/2700 K E27 ²⁾	5 kWh/1000h	DRBP/C-4,5-827-220-240-E27-45
P CLAS P 40 FR 5 W/2700 K E27 ²⁾	5 kWh/1000h	
P CLAS P 40 CL 5 W/2700 K E14 ²⁾	5 kWh/1000h	
P CLAS P 40 CL 5 W/2700 K E27 ²⁾	5 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

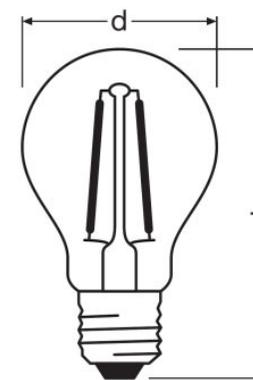
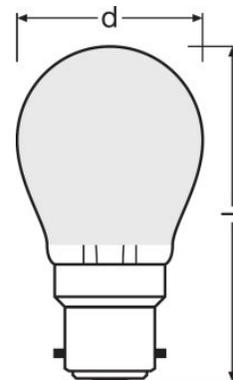
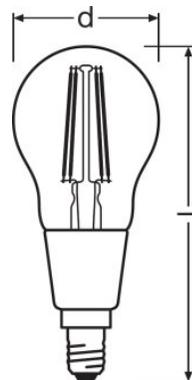
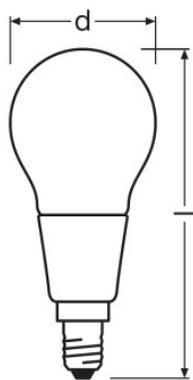
²⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which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



P CLAS P 25 3.3 W/2700 K E14



P CLAS P 40 CL 4.5 W/2700 K E14

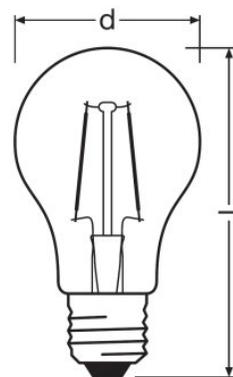
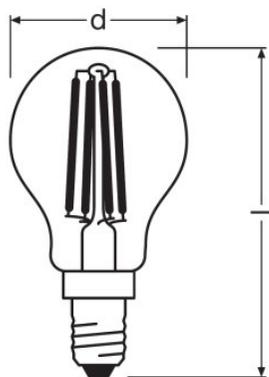


P CLAS P 40 FR 4.5 W/2700 K E14, P CLAS P 60 FR 6 W/2700 K E14, P CLAS P 40 FR 5 W/2700 K E14, P CLAS P 50 5 W/2700 K E14

P CLAS P 40 CL 4.5 W/2700 K E14, P CLAS P 40 CL 5 W/2700 K E14

P CLAS P 40 FR 5 W/2700 K B22d

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



P CLAS P 40 CL 5 W/2700 K E14

P CLAS P 40 CL 5 W/2700 K E27

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075808768	P CLAS P 25 FR 2.5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	323.00 g
4058075808782	P CLAS P 25 FR 2.5 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	338.00 g
4058075108165	P CLAS P 25 3.3 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	298.00 g
4058075101319	P CLAS P 25 FR 3.3 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	298.00 g
4058075101333	P CLAS P 25 FR 3.3 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	338.00 g
4052899961852	P CLAS P 40 CL 4.5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 127 mm	3.08 dm ³	478.00 g
4058075817111	P CLAS P 40 FR 4.5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 127 mm	3.08 dm ³	446.00 g
4058075101494	P CLAS P 60 FR 6 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 127 mm	3.08 dm ³	428.00 g
4058075808812	P CLAS P 40 FR 4.5 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	367.00 g
4052899959309	P CLAS P 40 FR 5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 127 mm	3.08 dm ³	378.00 g
4058075815179	P CLAS P 50 5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 127 mm	3.08 dm ³	446.00 g
4058075808904	P CLAS P 40 CL 4.5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 127 mm	3.08 dm ³	426.00 g
4058075101418	P CLAS P 40 CL 5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	298.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075101395	P CLAS P 40 FR 5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	298.00 g
4058075061835	P CLAS P 40 FR 5 W/2700 K B22d	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	378.00 g
4058075101371	P CLAS P 40 FR 5 W/2700 K B22d	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	338.00 g
4058075101456	P CLAS P 40 CL 5 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	338.00 g
4058075817197	P CLAS P 40 CL 4.5 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	381.00 g
4058075101432	P CLAS P 40 FR 5 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	338.00 g
4058075134546	P CLAS P 40 CL 5 W/2700 K E14	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	298.00 g
4058075134560	P CLAS P 40 CL 5 W/2700 K E27	Shipping carton box 10	240 mm x 101 mm x 108 mm	2.62 dm ³	338.00 g

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.