

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC P

LED lamps, classic mini-ball shape



AREAS OF APPLICATION

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

PRODUCT BENEFITS

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Mercury-free lamps
- Lifetime: up to 15,000 h



TECHNICAL DATA

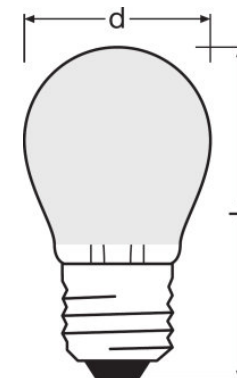
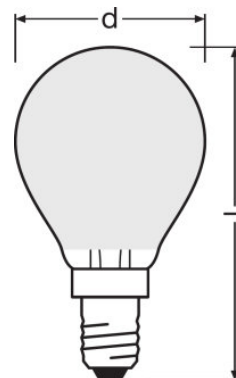
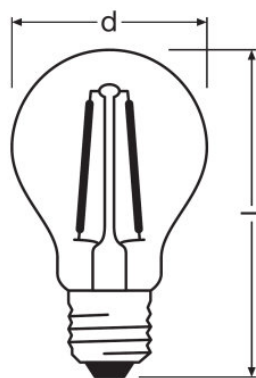
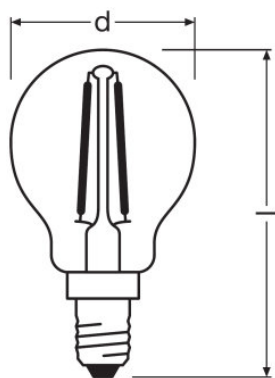
Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux
P CLAS P 15 1.4 W/2700K E14 ¹⁾	1.40 W	220...240 V			2700 K	0.70	Warm White	2700 K	136 lm
P CLAS P 15 1.4 W/2700K E27 ¹⁾	1.40 W	220...240 V			2700 K	0.70	Warm White	2700 K	136 lm
P CLAS P 15 1.5 W/2700K E27 ¹⁾	1.50 W	220...240 V	416	666	2700 K	0.70	Warm White	2700 K	136 lm
P RF CLAS P 25 2.5 W/2700K E14 ¹⁾	2.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P RF CLAS P 25 2.5 W/2700K E14 ¹⁾	2.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P RF CLAS P 25 2.5 W/2700K E27 ¹⁾	2.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.5 W/2700K E27 ¹⁾	2.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.5 W/2700K E14 ¹⁾	2.50 W	220...240 V	263	421	2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.5 W/2700K E27 ¹⁾	2.50 W	220...240 V	263	421	2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.5 W/2700K E14 ¹⁾	2.50 W	220...240 V	263	421	2700 K	0.70	Warm White	2700 K	250 lm
P CLAS P 25 2.5 W/2700K E27 ¹⁾	2.50 W	220...240 V	263	421	2700 K	0.70	Warm White	2700 K	250 lm
P RF CLAS P 40 4 W/2700K E14 ¹⁾	4.00 W	220...240 V	156	250	2700 K	0.70	Warm White	2700 K	470 lm
P RF CLAS P 40 4 W/2700K E14 ¹⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P RF CLAS P 40 4 W/2700K E14 ¹⁾	4.00 W	220...240 V	156	250	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 FR 4 W/2700K B22d ¹⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P RF CLAS P 40 4 W/2700K E27 ¹⁾	4.00 W	220...240 V	156	250	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS P 40 4 W/4000K E14 ¹⁾	4.00 W	220...240 V			4000 K	0.70	Cool White	4000 K	470 lm
P CLAS P 60 6 W/2700K E14 ¹⁾	6.00 W	220...240 V	19	31	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	19	31	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS P 60 6 W/2700K E14 ¹⁾	6.00 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	19	31	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS P 60 6 W/2700K E27 ¹⁾	6.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	806 lm
P CLAS P 60 7 W/2700K E27 ¹⁾	7.00 W	220...240 V	19	31	2700 K	0.70	Warm White	2700 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 15 1.4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	55 °C	15000 h	100000	E14	Yes
P CLAS P 15 1.4 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	53 °C	15000 h	100000	E27	Yes
P CLAS P 15 1.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	47 °C	15000 h	100000	E27	Yes
P RF CLAS P 25 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	56 °C	15000 h	100000	E14	Yes
P RF CLAS P 25 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	47 °C	15000 h	100000	E14	Yes
P RF CLAS P 25 2.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	58 °C	15000 h	100000	E27	Yes
P CLAS P 25 2.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	58 °C	15000 h	100000	E27	Yes
P CLAS P 25 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	56 °C	15000 h	100000	E14	Yes
P CLAS P 25 2.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	60.8 °C	15000 h	100000	E27	Yes
P CLAS P 25 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	58 °C	15000 h	100000	E14	Yes
P CLAS P 25 2.5 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	60.8 °C	15000 h	100000	E27	Yes
P RF CLAS P 40 4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	65 °C	15000 h	100000	E14	Yes
P RF CLAS P 40 4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	59 °C	15000 h	100000	E14	Yes
P RF CLAS P 40 4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 40 FR 4 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	76.0 mm	59 °C	15000 h	100000	B22d	Yes
P RF CLAS P 40 4 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	58 °C	15000 h	100000	E27	Yes
P CLAS P 40 4 W/4000K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	78.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS P 60 6 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	58 °C	15000 h	100000	E14	Yes
P CLAS P 60 6 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	58 °C	15000 h	100000	E14	Yes
P CLAS P 60 6 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	85.0 mm		15000 h	100000	E27	Yes
P CLAS P 60 7 W/2700K E27 ¹⁾	≥80	< 0.50 s	< 0.5 s	77.0 mm	58 °C	15000 h	100000	E27	Yes

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS P 15 1.4 W/2700K E14 ¹⁾	No	A++	2 kWh/1000h	DRBP/C-1,6-827-220-240-E14-45

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS P 15 1.4 W/2700K E27 ¹⁾	No	A++	2 kWh/1000h	DRBP/C-1,6-827-220-240-E27-45
P CLAS P 15 1.5 W/2700K E27 ¹⁾	No	A++	2 kWh/1000h	
P RF CLAS P 25 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	DRBP/C-2,8/827-220/240-E14-45
P RF CLAS P 25 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	DRBP/F-2,8/827-220-240-E14-45
P RF CLAS P 25 2.5 W/2700K E27 ¹⁾	No	A++	3 kWh/1000h	DRBP/C-2/827-220/240-E27-45
P CLAS P 25 2.5 W/2700K E27 ¹⁾	No	A++	3 kWh/1000h	DRBP/F-2,8/827-220-240-E27-45
P CLAS P 25 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	
P CLAS P 25 2.5 W/2700K E27 ¹⁾	No	A++	3 kWh/1000h	
P CLAS P 25 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	
P CLAS P 25 2.5 W/2700K E27 ¹⁾	No	A++	3 kWh/1000h	
P RF CLAS P 40 4 W/2700K E14 ¹⁾	No	A++	4 kWh/1000h	DRBP/C-4/827-220/240-E14-45
P RF CLAS P 40 4 W/2700K E14 ¹⁾	No	A++	4 kWh/1000h	DRBP/F-4/827-220-240-E14-45
P RF CLAS P 40 4 W/2700K E14 ¹⁾	No	A++	4 kWh/1000h	DRBP/F-4/827-220-240-E14-45
P CLAS P 40 FR 4 W/2700K B22d ¹⁾	No	A++	4 kWh/1000h	
P RF CLAS P 40 4 W/2700K E27 ¹⁾	No	A++	4 kWh/1000h	DRBP/F-5/827-220-240-E27-45
P CLAS P 40 4 W/4000K E14 ¹⁾	No	A++	5 kWh/1000h	
P CLAS P 60 6 W/2700K E14 ¹⁾	No	A++	6 kWh/1000h	
P CLAS P 60 6.5 W/2700K E14 ¹⁾	No	A++	7 kWh/1000h	
P CLAS P 60 6 W/2700K E14 ¹⁾	No	A++	6 kWh/1000h	
P CLAS P 60 6.5 W/2700K E14 ¹⁾	No	A++	7 kWh/1000h	
P CLAS P 60 6 W/2700K E27 ¹⁾	No	A++	6 kWh/1000h	
P CLAS P 60 7 W/2700K E27 ¹⁾	No	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

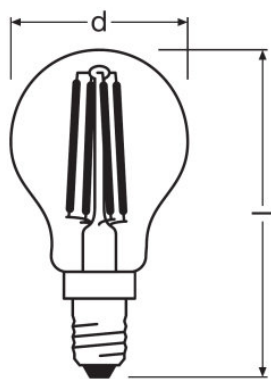


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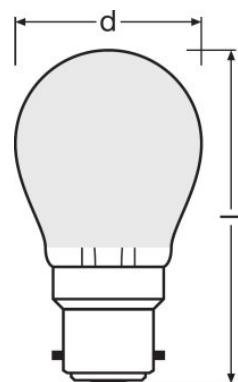
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P RF CLAS P 25 2.5 W/2700K E14, P CLAS P 25 2.5 W/2700K E14, P RF CLAS P 40 4 W/2700K E14, P RF CLAS P 40 4 W/2700K E14

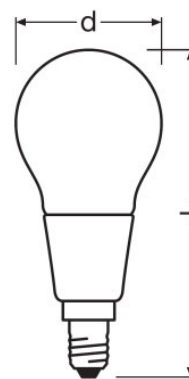
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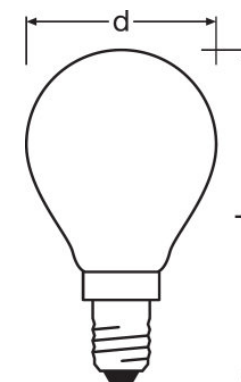
P RF CLAS P 40 4 W/2700K E14, P CLAS P 40 4 W/4000K E14, P CLAS P 60 6.5 W/2700K E14



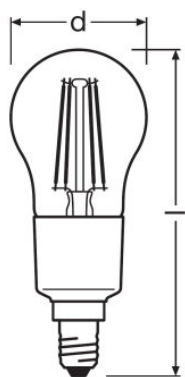
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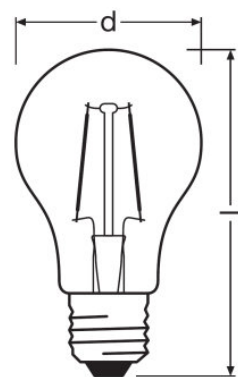
P CLAS P 60 6 W/2700K E14



P CLAS P 60 6.5 W/2700K E14



P CLAS P 60 6 W/2700K E14



P CLAS P 60 6 W/2700K E27, P CLAS P 60 7 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
4058075815100	Shipping carton box 10	240 mm x 101 mm x 108 mm	332.00 g	2.62 dm ³
4058075815124	Shipping carton box 10	240 mm x 101 mm x 108 mm	350.00 g	2.62 dm ³
4058075287952	Shipping carton box 10	240 mm x 101 mm x 108 mm	358.00 g	2.62 dm ³
4052899962286	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4052899959781	Shipping carton box 10	240 mm x 101 mm x 108 mm	308.00 g	2.62 dm ³
4052899962323	Shipping carton box 10	240 mm x 101 mm x 108 mm	365.00 g	2.62 dm ³
4058075815162	Shipping carton box 10	240 mm x 101 mm x 108 mm	361.00 g	2.62 dm ³
4058075287976	Shipping carton box 10	240 mm x 101 mm x 108 mm	308.00 g	2.62 dm ³
4058075287990	Shipping carton box 10	240 mm x 101 mm x 108 mm	358.00 g	2.62 dm ³
4058075288010	Shipping carton box 10	240 mm x 101 mm x 108 mm	308.00 g	2.62 dm ³
4058075288034	Shipping carton box 10	240 mm x 101 mm x 108 mm	358.00 g	2.62 dm ³
4052899962262	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075288072	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
4052899959774	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075288096	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075061880	Shipping carton box 10	240 mm x 101 mm x 108 mm	344.00 g	2.62 dm ³
4052899959811	Shipping carton box 10	240 mm x 101 mm x 108 mm	352.00 g	2.62 dm ³
4058075115101	Shipping carton box 10	245 mm x 102 mm x 101 mm	340.00 g	2.52 dm ³
4058075153677	Shipping carton box 10	245 mm x 90 mm x 100 mm	662.00 g	2.21 dm ³
4058075288119	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 dm ³
4058075112490	Shipping carton box 10	240 mm x 101 mm x 108 mm	298.00 g	2.62 dm ³
4058075108332	Shipping carton box 10	240 mm x 101 mm x 108 mm	428.00 g	2.62 dm ³
4058075288591	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075108370	Shipping carton box 10	240 mm x 101 mm x 108 mm	428.00 g	2.62 dm ³
4058075288553	Shipping carton box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 dm ³
4058075108431	Shipping carton box 10	240 mm x 101 mm x 108 mm	428.00 g	2.62 dm ³
4058075288577	Shipping carton box 10	240 mm x 101 mm x 108 mm	338.00 g	2.62 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.