

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC B

LED lamps, classic mini-candle 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
- 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
- Base: E14
- 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 B 15 1.4 W/2700K E14 ¹⁾	1.40 W	220...240 V			2700 K	0.70	Warm White	2700 K	136 lm
P RF CLAS B 25 FR 2.5 W/2700K E14 ¹⁾	2.50 W	220...240 V	31	50	2700 K	0.70	Warm White	2700 K	250 lm
P RF CLAS B 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 B 25 FR 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 B 25 CL 2.5 W/2700K B22d ¹⁾	2.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	250 lm
P CLAS B 25 2.5 W/2700K B22d ¹⁾	2.50 W	220...240 V	263	421	2700 K	0.70	Warm White	2700 K	250 lm
P RF CLAS B 25 2.8 W/2700K E14 ¹⁾	2.80 W	220...240 V	263	421	2700 K	0.70	Warm White	2700 K	250 lm
P RF CLAS B 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 B 40 4 W/2700K E14 ¹⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 4 W/2700K E14 ²⁾	4.00 W	220...240 V	156	250	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 FR 4 W/2700K B22d ²⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 4 W/2700K E14 ²⁾	4.00 W	220...240 V	156	250	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 CL 4 W/2700K B22d ²⁾	4.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 4 W/2700K E27 ²⁾	4.00 W	220...240 V	156	250	2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 4 W/4000K E14 ²⁾	4.00 W	220...240 V	156	250	4000 K	0.70	Cool White	4000 K	470 lm
P CLAS B 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 B 60 6.5 W/2700K E14 ¹⁾	6.50 W	220...240 V	33	54	2700 K	0.70	Warm White	2700 K	806 lm
P CLAS B 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 B 60 6.5 W/2700K E14 ¹⁾	6.50 W	220...240 V	33	54	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 B 15 1.4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	55 °C	15000 h	100000	E14	Yes

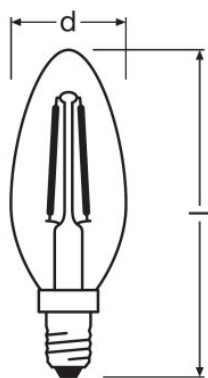
Product description	Color rendering index Ra	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
		Warm-up time (60 %)	Starting time	Overall length	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
P RF CLAS B 25 FR 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	58 °C	15000 h	100000	E14	Yes
P RF CLAS B 25 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	58 °C	15000 h	100000	E14	Yes
P RF CLAS B 25 FR 2.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	100.0 mm	59 °C	15000 h	100000	E14	Yes
P CLAS B 25 CL 2.5 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	92.0 mm	65 °C	15000 h	100000	B22d	Yes
P CLAS B 25 2.5 W/2700K B22d ¹⁾	≥80	< 0.50 s	< 0.5 s	91.0 mm	61 °C	15000 h	100000	B22d	Yes
P RF CLAS B 25 2.8 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	100.0 mm	58 °C	15000 h	100000	E14	Yes
P RF CLAS B 40 4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	59 °C	15000 h	100000	E14	Yes
P RF CLAS B 40 4 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	59 °C	15000 h	100000	E14	Yes
P CLAS B 40 4 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	100.0 mm	68 °C	15000 h	100000	E14	Yes
P CLAS B 40 FR 4 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	94.0 mm	69 °C	15000 h	100000	B22d	Yes
P CLAS B 40 4 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	100.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 40 CL 4 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	94.0 mm	58 °C	15000 h	100000	B22d	Yes
P CLAS B 40 4 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	95.0 mm	69 °C	15000 h	100000	E27	Yes
P CLAS B 40 4 W/4000K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	100.0 mm		15000 h	100000	E14	Yes
P CLAS B 60 6 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	118.0 mm	55 °C	15000 h	100000	E14	Yes
P CLAS B 60 6.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	66 °C	15000 h	100000	E14	Yes
P CLAS B 60 6 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	118.0 mm	65 °C	15000 h	100000	E14	Yes
P CLAS B 60 6.5 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	56 °C	15000 h	100000	E14	Yes

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS B 15 1.4 W/2700K E14 ¹⁾	No	A++	2 kWh/1000h	DRBB/C-1,6-827-220-240-E14-35
P RF CLAS B 25 FR 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	DRBB/F-3-230-E14-35/97,5
P RF CLAS B 25 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	DRBB/C-2,8/827-220/240-E14-35

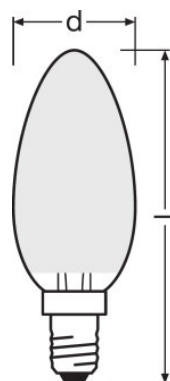
	Capabilities	Certificates & standards		Country-specific categorizations
Product description	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P RF CLAS B 25 FR 2.5 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	
P CLAS B 25 CL 2.5 W/2700K B22d ¹⁾	No	A++	3 kWh/1000h	
P CLAS B 25 2.5 W/2700K B22d ¹⁾	No	A++	3 kWh/1000h	
P RF CLAS B 25 2.8 W/2700K E14 ¹⁾	No	A++	3 kWh/1000h	
P RF CLAS B 40 4 W/2700K E14 ¹⁾	No	A++	4 kWh/1000h	DRBB/C-4/827-220/240-E14-35
P RF CLAS B 40 4 W/2700K E14 ¹⁾	No	A++	4 kWh/1000h	DRBB/F-4/827-220-240-E14-35
P CLAS B 40 4 W/2700K E14 ²⁾	No	A++	4 kWh/1000h	
P CLAS B 40 FR 4 W/2700K B22d ²⁾	No	A++	4 kWh/1000h	
P CLAS B 40 4 W/2700K E14 ²⁾	No	A++	4 kWh/1000h	
P CLAS B 40 CL 4 W/2700K B22d ²⁾	No	A++	4 kWh/1000h	
P CLAS B 40 4 W/2700K E27 ²⁾	No	A++	4 kWh/1000h	
P CLAS B 40 4 W/4000K E14 ²⁾	No	A++	4 kWh/1000h	
P CLAS B 60 6 W/2700K E14 ¹⁾	No	A++	6 kWh/1000h	
P CLAS B 60 6.5 W/2700K E14 ¹⁾	No	A++	7 kWh/1000h	
P CLAS B 60 6 W/2700K E14 ¹⁾	No	A++	6 kWh/1000h	
P CLAS B 60 6.5 W/2700K E14 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

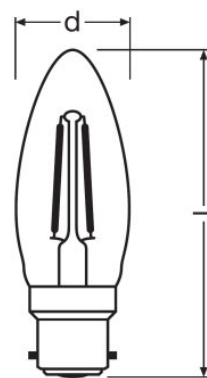
²⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which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



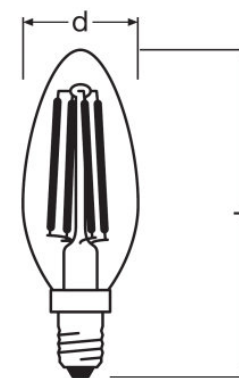
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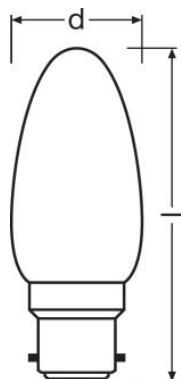
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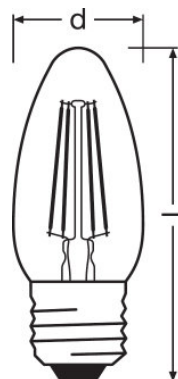
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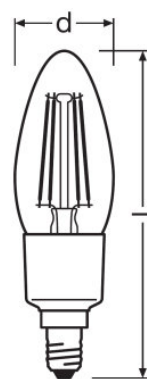
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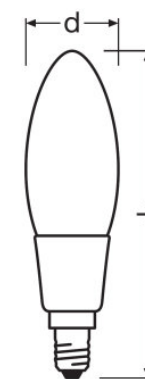
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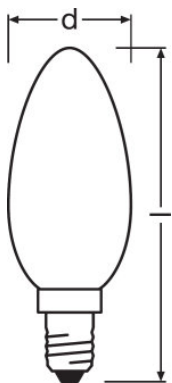
P CLAS B 40 4 W/2700K E27



P CLAS B 60 6 W/2700K E14



P CLAS B 60 6 W/2700K E14



P CLAS B 60 6.5 W/2700K E14

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
4058075814868	Shipping carton box 10	205 mm x 87 mm x 123 mm	301.00 g	2.19 dm ³
4052899941977	Shipping carton box 10	205 mm x 87 mm x 123 mm	348.00 g	2.19 dm ³
4052899962231	Shipping carton box 10	205 mm x 87 mm x 123 mm	358.00 g	2.19 dm ³
4058075287679	Shipping carton box 10	205 mm x 87 mm x 123 mm	348.00 g	2.19 dm ³
4058075061767	Shipping carton box 10	205 mm x 87 mm x 123 mm	348.00 g	2.19 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075287693	Shipping carton box 10	205 mm x 87 mm x 123 mm	378.00 g	2.19 dm ³
4058075287655	Shipping carton box 10	205 mm x 87 mm x 123 mm	348.00 g	2.19 dm ³
4052899962156	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³
4052899959644	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³
4058075287754	Shipping carton box 10	205 mm x 87 mm x 123 mm	348.00 g	2.19 dm ³
4058075061866	Shipping carton box 10	205 mm x 87 mm x 123 mm	378.00 g	2.19 dm ³
4058075287792	Shipping carton box 10	205 mm x 87 mm x 123 mm	348.00 g	2.19 dm ³
4058075061781	Shipping carton box 10	205 mm x 87 mm x 123 mm	332.00 g	2.19 dm ³
4058075287778	Shipping carton box 10	205 mm x 87 mm x 123 mm	388.00 g	2.19 dm ³
4058075114319	Shipping carton box 10	205 mm x 87 mm x 123 mm	317.00 g	2.19 dm ³
4058075114661	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³
4058075287815	Shipping carton box 10	205 mm x 87 mm x 123 mm	338.00 g	2.19 dm ³
4058075116320	Shipping carton box 10	205 mm x 87 mm x 123 mm	458.00 g	2.19 dm ³
4058075288416	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³
4058075116306	Shipping carton box 10	205 mm x 87 mm x 123 mm	458.00 g	2.19 dm ³
4058075288430	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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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.