

# PRODUCT FAMILY DATASHEET

## PARATHOM Retrofit CLASSIC B

LED lamps, classic mini-candle shape



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### AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

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### 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)

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### 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						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 B 15 1.4 W/2700 K E14 <sup>1)</sup>	1.40 W	220...240 V	2700 K	0.70	Warm White	2700 K	136 lm	≥80	< 0.50 s	< 0.5 s	97.0 mm
P RF CLAS B 25 FR 2.5 W/2700 K E14 <sup>1)</sup>	2.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	97.0 mm
P RF CLAS B 25 2.5 W/2700 K E14 <sup>1)</sup>	2.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	97.0 mm
P CLAS B 25 CL 2.5 W/2700 K B22d <sup>1)</sup>	2.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	92.0 mm
P RF CLAS B 40 4 W/2700 K E14 <sup>1)</sup>	4.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	97.0 mm
P RF CLAS B 40 4 W/2700 K E14 <sup>1)</sup>	4.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	97.0 mm
P CLAS B 40 FR 4 W/2700 K B22d <sup>2)</sup>	4.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	94.0 mm
P CLAS B 40 CL 4 W/2700 K B22d <sup>2)</sup>	4.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	94.0 mm
P CLAS B 40 4 W/2700 K E27 <sup>2)</sup>	4.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	95.0 mm
P CLAS B 40 4 W/4000 K E14 <sup>2)</sup>	4.00 W	220...240 V	4000 K	0.70	Cool White	4000 K	470 lm	≥80	< 0.50 s	< 0.5 s	97.0 mm
P CLAS B 40 5 W/2700 K B22d <sup>2)</sup>	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	106.0 mm
P CLAS B 60 6 W/2700 K E14 <sup>1)</sup>	6.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	118.0 mm
P CLAS B 60 6 W/2700 K E14 <sup>1)</sup>	6.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	118.0 mm

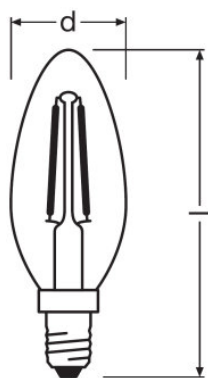
Product description	Temperatures & operating conditions	Lifespan		Additional product data		Capabilities	Certificates & standards	
	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free	Dimmable	Energy efficiency class	Energy efficiency class
P CLAS B 15 1.4 W/2700 K E14 <sup>1)</sup>	55 °C	15000 h	100000	E14	Yes	No	A++	A++
P RF CLAS B 25 FR 2.5 W/2700 K E14 <sup>1)</sup>	58 °C	15000 h	100000	E14	Yes	No	A++	A++
P RF CLAS B 25 2.5 W/2700 K E14 <sup>1)</sup>	58 °C	15000 h	100000	E14	Yes	No	A++	A++
P CLAS B 25 CL 2.5 W/2700 K B22d <sup>1)</sup>	65 °C	15000 h	100000	B22d	Yes	No	A++	A++
P RF CLAS B 40 4 W/2700 K E14 <sup>1)</sup>	59 °C	15000 h	100000	E14	Yes	No	A++	A++
P RF CLAS B 40 4 W/2700 K E14 <sup>1)</sup>	59 °C	15000 h	100000	E14	Yes	No	A++	A++
P CLAS B 40 FR 4 W/2700 K B22d <sup>2)</sup>	69 °C	15000 h	100000	B22d	Yes	No	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 B 40 CL 4 W/2700 K B22d <sup>2)</sup>	58 °C	15000 h	100000	B22d	Yes	No	A++	A++
P CLAS B 40 4 W/2700 K E27 <sup>2)</sup>	69 °C	15000 h	100000	E27	Yes	No	A++	A++
P CLAS B 40 4 W/4000 K E14 <sup>2)</sup>		15000 h	100000	E14	Yes	No	A++	A++
P CLAS B 40 5 W/2700 K B22d <sup>2)</sup>		15000 h	100000	B22d	Yes	No	A+	A+
P CLAS B 60 6 W/2700 K E14 <sup>1)</sup>		15000 h	100000	E14	Yes	No	A++	A++
P CLAS B 60 6 W/2700 K E14 <sup>1)</sup>		15000 h	100000	E14	Yes	No	A++	A++

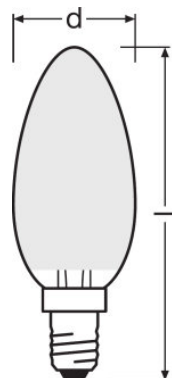
Product description	Energy consumption	Country-specific categorizations
		ILCOS
P CLAS B 15 1.4 W/2700 K E14 <sup>1)</sup>	2 kWh/1000h	DRBB/C-1,6-827-220-240-E14-35
P RF CLAS B 25 FR 2.5 W/2700 K E14 <sup>1)</sup>	3 kWh/1000h	DRBB/F-3-230-E14-35/97,5
P RF CLAS B 25 2.5 W/2700 K E14 <sup>1)</sup>	3 kWh/1000h	DRBB/C-2,8/827-220/240-E14-35
P CLAS B 25 CL 2.5 W/2700 K B22d <sup>1)</sup>	3 kWh/1000h	
P RF CLAS B 40 4 W/2700 K E14 <sup>1)</sup>	4 kWh/1000h	DRBB/C-4/827-220/240-E14-35
P RF CLAS B 40 4 W/2700 K E14 <sup>1)</sup>	4 kWh/1000h	DRBB/F-4/827-220-240-E14-35
P CLAS B 40 FR 4 W/2700 K B22d <sup>2)</sup>	4 kWh/1000h	
P CLAS B 40 CL 4 W/2700 K B22d <sup>2)</sup>	4 kWh/1000h	
P CLAS B 40 4 W/2700 K E27 <sup>2)</sup>	4 kWh/1000h	
P CLAS B 40 4 W/4000 K E14 <sup>2)</sup>	4 kWh/1000h	
P CLAS B 40 5 W/2700 K B22d <sup>2)</sup>	5 kWh/1000h	
P CLAS B 60 6 W/2700 K E14 <sup>1)</sup>	6 kWh/1000h	
P CLAS B 60 6 W/2700 K E14 <sup>1)</sup>	6 kWh/1000h	

<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

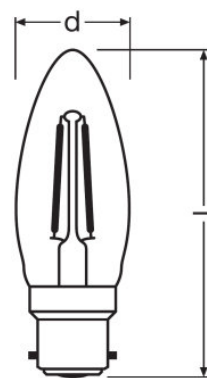
<sup>2)</sup> All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product,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



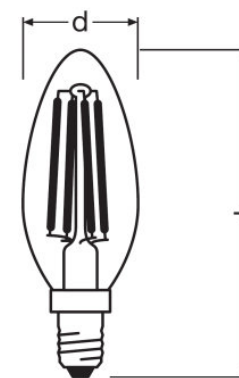
P CLAS B 15 1.4 W/2700 K E14, P RF CLAS B 25 2.5 W/2700 K E14



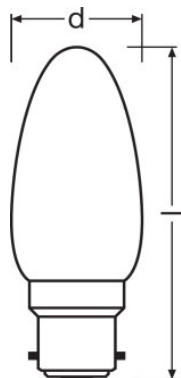
P RF CLAS B 25 FR 2.5 W/2700 K E14, P RF CLAS B 40 4 W/2700 K E14



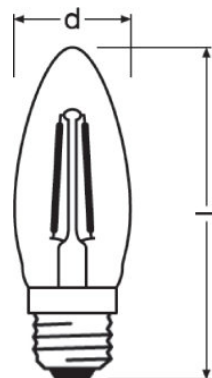
P CLAS B 25 CL 2.5 W/2700 K B22d, P CLAS B 40 CL 4 W/2700 K B22d



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



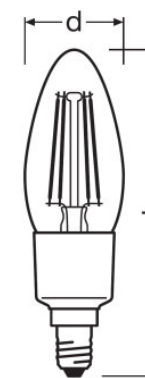
P CLAS B 40 FR 4 W/2700 K B22d



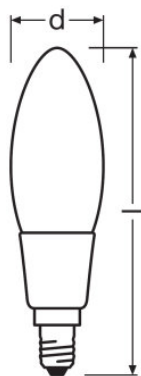
P CLAS B 40 4 W/2700 K E27



P CLAS B 40 5 W/2700 K B22d



P CLAS B 60 6 W/2700 K E14



P CLAS B 60 6 W/2700 K E14

**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
4058075814851	P CLAS B 15 1.4 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	348.00 g
4052899941762	P RF CLAS B 25 FR 2.5 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	348.00 g
4052899961746	P RF CLAS B 25 2.5 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	358.00 g
4058075061750	P CLAS B 25 CL 2.5 W/2700 K B22d	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	348.00 g
4052899961661	P RF CLAS B 40 4 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	318.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899959194	P RF CLAS B 40 4 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	318.00 g
4058075061859	P CLAS B 40 FR 4 W/2700 K B22d	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	378.00 g
4058075061774	P CLAS B 40 CL 4 W/2700 K B22d	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	378.00 g
4058075114302	P CLAS B 40 4 W/2700 K E27	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	378.00 g
4058075114654	P CLAS B 40 4 W/4000 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	318.00 g
4058075061613	P CLAS B 40 5 W/2700 K B22d	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	436.00 g
4058075116313	P CLAS B 60 6 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	458.00 g
4058075116290	P CLAS B 60 6 W/2700 K E14	Shipping carton box 10	205 mm x 87 mm x 123 mm	2.19 dm <sup>3</sup>	458.00 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.