

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC B 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
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

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 B 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 B 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 B 40 5 W/2700K E14 ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 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 B 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 B 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 B 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 B 40 FR 4.5 W/2700K B22d ²⁾	4.50 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 FR 5 W/2700K B22d ²⁾	5.00 W	220...240 V			2700 K	0.70	Warm White	2700 K	470 lm
P CLAS B 40 FR 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 B 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 B 40 CL 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 B 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 B 60 FR 6 W/2700K E14 ³⁾	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 ³⁾	6.50 W	220...240 V	589	943	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 25 3.3 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 25 FR 3.3 W/2700K E14 ¹⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 40 5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 40 FR 5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 40 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 40 CL 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	118.0 mm	65 °C	20000 h	100000	E14	Yes
P CLAS B 40 4.5 W/2700K E14 ²⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	50 °C	15000 h	100000	E14	Yes

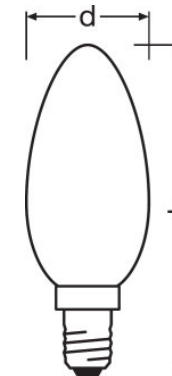
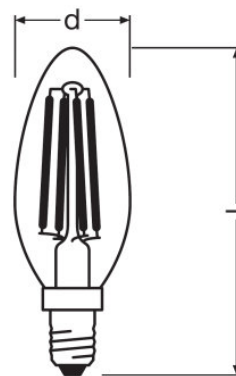
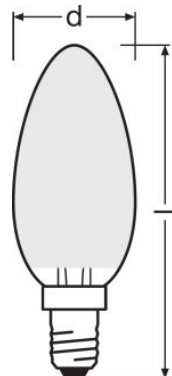
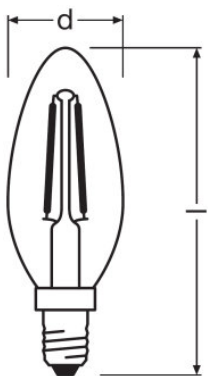
Product description	Color rendering index Ra	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
		Warm-up time (60 %)	Starting time	Overall length	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
P CLAS B 40 FR 4.5 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	91.0 mm	65 °C	20000 h	100000	B22d	Yes
P CLAS B 40 FR 5 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	92.0 mm	65 °C	15000 h	100000	B22d	Yes
P CLAS B 40 FR 4.5 W/2700K B22d ²⁾	≥80	< 0.50 s	< 0.5 s	94.0 mm	50 °C	15000 h	100000	B22d	Yes
P CLAS B 40 CL 5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	93.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS B 40 CL 4.5 W/2700K E27 ²⁾	≥80	< 0.50 s	< 0.5 s	95.0 mm	50 °C	15000 h	100000	E27	Yes
P CLAS B 40 CL 5 W/2700K E14 ²⁾	95	< 0.50 s	< 0.5 s	118.0 mm	50 °C	15000 h	100000	E14	Yes
P CLAS B 60 FR 6 W/2700K E14 ³⁾	≥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 ³⁾	≥80	< 0.50 s	< 0.5 s	97.0 mm	55 °C	15000 h	100000	E14	Yes

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
P CLAS B 25 3.3 W/2700K E14 ¹⁾	Yes	A+	4 kWh/1000h	
P CLAS B 25 FR 3.3 W/2700K E14 ¹⁾	Yes	A+	4 kWh/1000h	
P CLAS B 40 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS B 40 FR 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS B 40 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	
P CLAS B 40 CL 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	DRBB/F-4,5/827-220-240-E14-35
P CLAS B 40 4.5 W/2700K E14 ²⁾	Yes	A++	5 kWh/1000h	
P CLAS B 40 FR 4.5 W/2700K B22d ²⁾	Yes	A++	5 kWh/1000h	DRBB/F-4,5-827-220-240-B22d-35
P CLAS B 40 FR 5 W/2700K B22d ²⁾	Yes	A+	5 kWh/1000h	DRBB/F-4,5-827-220-240-B22d-35
P CLAS B 40 FR 4.5 W/2700K B22d ²⁾	Yes	A++	5 kWh/1000h	DRBB/F-4,5-827-220-240-B22d-35
P CLAS B 40 CL 5 W/2700K E27 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS B 40 CL 4.5 W/2700K E27 ²⁾	Yes	A++	5 kWh/1000h	
P CLAS B 40 CL 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
P CLAS B 60 FR 6 W/2700K E14 ³⁾	Yes	A++	5 kWh/1000h	DRBB/F-5/827-220-240-E14-35
P CLAS B 60 6.5 W/2700K E14 ³⁾	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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

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

3) 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

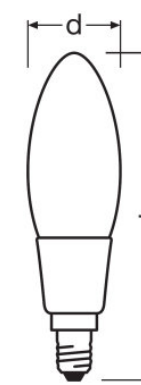
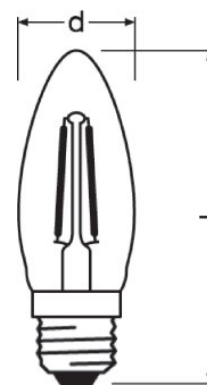
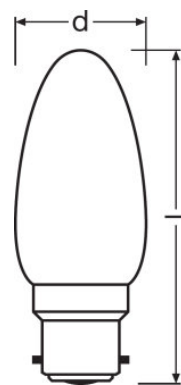
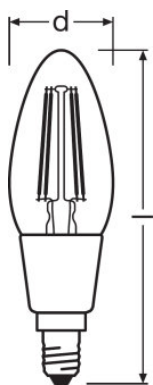


P CLAS B 25 3.3 W/2700K E14

P CLAS B 25 FR 3.3 W/2700K E14, P CLAS B 40 FR 5 W/2700K E14

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

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



P CLAS B 40 CL 4.5 W/2700K E14

P CLAS B 40 FR 4.5 W/2700K B22d, P CLAS B 40 FR 5 W/2700K B22d, P CLAS B 40 FR 4.5 W/2700K B22d

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

P CLAS B 60 FR 6 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
4058075107557	Shipping carton box 10	205 mm x 87 mm x 123 mm	328.00 g	2.19 dm ³
4058075101142	Shipping carton box 10	205 mm x 87 mm x 123 mm	328.00 g	2.19 dm ³
4058075101227	Shipping carton box 10	205 mm x 87 mm x 123 mm	328.00 g	2.19 dm ³
4058075101203	Shipping carton box 10	205 mm x 87 mm x 123 mm	368.00 g	2.19 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075287853	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³
4058075817005	Shipping carton box 10	197 mm x 85 mm x 138 mm	423.00 g	2.31 dm ³
4058075287839	Shipping carton box 10	205 mm x 87 mm x 123 mm	318.00 g	2.19 dm ³
4058075061828	Shipping carton box 10	205 mm x 87 mm x 123 mm	334.00 g	2.19 dm ³
4058075101180	Shipping carton box 10	205 mm x 87 mm x 123 mm	368.00 g	2.19 dm ³
4058075287891	Shipping carton box 10	205 mm x 87 mm x 123 mm	378.00 g	2.19 dm ³
4058075116269	Shipping carton box 10	205 mm x 87 mm x 123 mm	368.00 g	2.19 dm ³
4058075287877	Shipping carton box 10	205 mm x 87 mm x 123 mm	378.00 g	2.19 dm ³
4058075134539	Shipping carton box 10	197 mm x 85 mm x 138 mm	411.00 g	2.31 dm ³
4058075101265	Shipping carton box 10	205 mm x 87 mm x 123 mm	458.00 g	2.19 dm ³
4058075287914	Shipping carton box 10	205 mm x 87 mm x 123 mm	338.00 g	2.19 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.