PRODUCT FAMILY DATASHEET
PARATHOM® Retrofit CLASSIC P DIM

Dimmable LED lamps, classic bulb shape



Areas of application

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

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
- Lifetime: up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp



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TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage	Nominal voltage	Claimed equiv. conventional lamp power	Nominal current
P CLAS P 25 2.8 W/2700 K E14	2.8 W	2.80 W	220…240 V	25 W	13 mA
P CLAS P 25 2.8 W/2700 K E14	2.8 W	2.80 W	220…240 V	25 W	13 mA
P CLAS P 25 2.8 W/2700 K E27	2.8 W	2.80 W	220…240 V	25 W	13 mA
P CLAS P 25 2.8 W/2700 K E27	2.8 W	2.80 W	220…240 V	25 W	13 mA
P CLAS P 40 4.8 W/2700 K B22d	4.8 W	4.80 W	220…240 V	40 W	26 mA
P CLAS P 40 4.8 W/2700 K E14	4.8 W	4.80 W	220…240 V	40 W	26 mA
P CLAS P 40 4.8 W/2700 K E14	4.8 W	4.80 W	220…240 V	40 W	26 mA
P CLAS P 40 4.8 W/2700 K E27	4.8 W	4.80 W	220…240 V	40 W	26 mA
P CLAS P 40 4.8 W/2700 K E27	4.8 W	4.80 W	220…240 V	40 W	26 mA
P CLAS P 40 5 W/2700 K B22d	5 W	5.00 W	220…240 V	40 W	25 mA
P CLAS P 40 5 W/2700 K E14	5 W	5.00 W	220…240 V	40 W	27 mA
P CLAS P 40 5 W/2700 K E14	5 W	5.00 W	220…240 V	40 W	25 mA
P CLAS P 40 5 W/2700 K E14	5 W	5.00 W	220…240 V	40 W	25 mA
P CLAS P 40 5 W/2700 K E27	5 W	5.00 W	220…240 V	40 W	27 mA
P CLAS P 40 CL 5 W/2700 K E27	5 W	5.00 W	220…240 V	40 W	25 mA
P CLAS P 40 FR 5 W/2700 K E27	5 W	5.00 W	220…240 V	40 W	25 mA
P CLAS P 60 6.5 W/2700 K E14	6.5 W	6.50 W	220…240 V	60 W	38 mA
P CLAS P 60 6.5 W/2700 K E14	6.5 W	6.50 W	220…240 V	60 W	38 mA

Product description	Type of current	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)
P CLAS P 25 2.8 W/2700 K E14	AC	1.2 A	50…60 Hz	50…60 Hz	696
P CLAS P 25 2.8 W/2700 K E14	AC	0.08 A	50…60 Hz	50…60 Hz	200
P CLAS P 25 2.8 W/2700 K E27	AC	1.2 A	50…60 Hz	50…60 Hz	696
P CLAS P 25 2.8 W/2700 K E27	AC	0.08 A	50…60 Hz	50…60 Hz	200
P CLAS P 40 4.8 W/2700 K B22d	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 4.8 W/2700 K E14	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 4.8 W/2700 K E14	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 4.8 W/2700 K E27	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 4.8 W/2700 K E27	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 5 W/2700 K B22d	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 5 W/2700 K E14	AC	1.3 A	50…60 Hz	50…60 Hz	90



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Product description	Type of current	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)
P CLAS P 40 5 W/2700 K E14	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 5 W/2700 K E14	AC	0.07 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 5 W/2700 K E27	AC	1.3 A	50…60 Hz	50…60 Hz	90
P CLAS P 40 CL 5 W/2700 K E27	AC	2.8 A	50…60 Hz	50…60 Hz	100
P CLAS P 40 FR 5 W/2700 K E27	AC	2.8 A	50…60 Hz	50…60 Hz	100
P CLAS P 60 6.5 W/2700 K E14	AC	0.09 A	50…60 Hz	50…60 Hz	85
P CLAS P 60 6.5 W/2700 K E14	AC	0.02 A	50…60 Hz	50…60 Hz	85

Product description	Max. lamp no. on circuit break. 16 A (B)	Power factor λ
P CLAS P 25 2.8 W/2700 K E14	1115	> 0.50
P CLAS P 25 2.8 W/2700 K E14	350	> 0.50
P CLAS P 25 2.8 W/2700 K E27	1115	> 0.50
P CLAS P 25 2.8 W/2700 K E27	350	> 0.50
P CLAS P 40 4.8 W/2700 K B22d	150	> 0.70
P CLAS P 40 4.8 W/2700 K E14	150	> 0.70
P CLAS P 40 4.8 W/2700 K E14	150	> 0.70
P CLAS P 40 4.8 W/2700 K E27	150	> 0.70
P CLAS P 40 4.8 W/2700 K E27	150	> 0.70
P CLAS P 40 5 W/2700 K B22d	150	> 0.70
P CLAS P 40 5 W/2700 K E14	145	> 0.70
P CLAS P 40 5 W/2700 K E14	150	> 0.70
P CLAS P 40 5 W/2700 K E14	150	> 0.70
P CLAS P 40 5 W/2700 K E27	145	> 0.70
P CLAS P 40 CL 5 W/2700 K E27	150	> 0.70
P CLAS P 40 FR 5 W/2700 K E27	150	> 0.70
P CLAS P 60 6.5 W/2700 K E14	130	> 0.50
P CLAS P 60 6.5 W/2700 K E14	130	> 0.50

Photometrical data

Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.life time	Light color (designation)
P CLAS P 25 2.8 W/2700 K E14	250 lm	250 lm	89 lm/W	0.70	Warm White
P CLAS P 25 2.8 W/2700 K E14	250 lm	250 lm	89 lm/W	0.70	Warm White
P CLAS P 25 2.8 W/2700 K E27	250 lm	250 lm	89 lm/W	0.70	Warm White
P CLAS P 25 2.8 W/2700 K E27	250 lm	250 lm	89 lm/W	0.70	Warm White

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Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.life time	Light color (designation)
P CLAS P 40 4.8 W/2700 K B22d	470 lm	470 lm	97 lm/W	0.70	Warm White
P CLAS P 40 4.8 W/2700 K E14	470 lm	470 lm	97 lm/W	0.70	Warm White
P CLAS P 40 4.8 W/2700 K E14	470 lm	470 lm	97 lm/W	0.70	Warm White
P CLAS P 40 4.8 W/2700 K E27	470 lm	470 lm	97 lm/W	0.70	Warm White
P CLAS P 40 4.8 W/2700 K E27	470 lm	470 lm	97 lm/W	0.70	Warm White
P CLAS P 40 5 W/2700 K B22d	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 40 5 W/2700 K E14	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 40 5 W/2700 K E14	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 40 5 W/2700 K E14	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 40 5 W/2700 K E27	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 40 CL 5 W/2700 K E27	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 40 FR 5 W/2700 K E27	470 lm	470 lm	94 lm/W	0.70	Warm White
P CLAS P 60 6.5 W/2700 K E14	806 lm	806 lm	124 lm/W	0.70	Warm White
P CLAS P 60 6.5 W/2700 K E14	806 lm	806 lm	124 lm/W	0.70	Warm White

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching	Rated LLMF at 6,000 h
P CLAS P 25 2.8 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 25 2.8 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 25 2.8 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 25 2.8 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 4.8 W/2700 K B22d	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 4.8 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 4.8 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 4.8 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 4.8 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 5 W/2700 K B22d	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 5 W/2700 K E14	2700 K	95	927	≤6 sdcm	0.80
P CLAS P 40 5 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 5 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 5 W/2700 K E27	2700 K	95	927	≤6 sdcm	0.80
P CLAS P 40 CL 5 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 40 FR 5 W/2700 K E27	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 60 6.5 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80
P CLAS P 60 6.5 W/2700 K E14	2700 K	≥80	827	≤6 sdcm	0.80



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Light technical data

Product description	Beam angle	Warm-up time (60 %)	Starting time	Rated beam angle (half peak value)
P CLAS P 25 2.8 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 25 2.8 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 25 2.8 W/2700 K E27	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 25 2.8 W/2700 K E27	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 4.8 W/2700 K B22d	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 4.8 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 4.8 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 4.8 W/2700 K E27	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 4.8 W/2700 K E27	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 5 W/2700 K B22d	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 5 W/2700 K E14	300 °	‹ 0.50 s	< 0.5 s	300.00 °
P CLAS P 40 5 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 5 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 5 W/2700 K E27	300 °	‹ 0.50 s	< 0.5 s	300.00 °
P CLAS P 40 CL 5 W/2700 K E27	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 40 FR 5 W/2700 K E27	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 60 6.5 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °
P CLAS P 60 6.5 W/2700 K E14	320 °	‹ 0.50 s	< 0.5 s	320.00 °

Dimensions & Weight

Product description	Overall length	Diameter	Maximum diameter	Product weight
P CLAS P 25 2.8 W/2700 K E14	78.00 mm	45,0 mm	45 mm	13.00 g
P CLAS P 25 2.8 W/2700 K E14	78.00 mm	45,0 mm	45 mm	13.00 g
P CLAS P 25 2.8 W/2700 K E27	77.00 mm	45,0 mm	45 mm	18.00 g
P CLAS P 25 2.8 W/2700 K E27	77.00 mm	45,0 mm	45 mm	18.00 g
P CLAS P 40 4.8 W/2700 K B22d	76.00 mm	45.00 mm	45 mm	18.00 g
P CLAS P 40 4.8 W/2700 K E14	78.00 mm	45.00 mm	45 mm	13.00 g
P CLAS P 40 4.8 W/2700 K E14	78.00 mm	45.00 mm	45 mm	13.00 g
P CLAS P 40 4.8 W/2700 K E27	77.00 mm	45.00 mm	45 mm	18.00 g
P CLAS P 40 4.8 W/2700 K E27	77.00 mm	45.00 mm	45 mm	18.00 g
P CLAS P 40 5 W/2700 K B22d	76.00 mm	45.00 mm	45 mm	18.00 g
P CLAS P 40 5 W/2700 K E14	80.00 mm	45.00 mm	45 mm	32.00 g
P CLAS P 40 5 W/2700 K E14	78.00 mm	45.00 mm	45 mm	13.00 g
P CLAS P 40 5 W/2700 K E14	78.00 mm	45.00 mm	45 mm	13.00 g



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Product description	Overall length	Diameter	Maximum diameter	Product weight
P CLAS P 40 5 W/2700 K E27	78.00 mm	45.00 mm	45 mm	32.00 g
P CLAS P 40 CL 5 W/2700 K E27	77.00 mm	45.00 mm	45 mm	18.00 g
P CLAS P 40 FR 5 W/2700 K E27	77.00 mm	45.00 mm	45 mm	18.00 g
P CLAS P 60 6.5 W/2700 K E14	78.00 mm	45.00 mm	45 mm	13.00 g
P CLAS P 60 6.5 W/2700 K E14	78.00 mm	45.00 mm	45 mm	13.00 g

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point
P CLAS P 25 2.8 W/2700 K E14	-20…+40 °C	50 °C
P CLAS P 25 2.8 W/2700 K E14	-20…+40 °C	75 °C
P CLAS P 25 2.8 W/2700 K E27	-20…+40 °C	50 °C
P CLAS P 25 2.8 W/2700 K E27	-20…+40 °C	75 °C
P CLAS P 40 4.8 W/2700 K B22d	-20…+40 °C	75 °C
P CLAS P 40 4.8 W/2700 K E14	-20…+40 °C	75 °C
P CLAS P 40 4.8 W/2700 K E14	-20…+40 °C	75 °C
P CLAS P 40 4.8 W/2700 K E27	-20…+40 °C	75 °C
P CLAS P 40 4.8 W/2700 K E27	-20…+40 °C	75 °C
P CLAS P 40 5 W/2700 K B22d	-20…+40 °C	65 °C
P CLAS P 40 5 W/2700 K E14	-20…+40 °C	70 °C
P CLAS P 40 5 W/2700 K E14	-20…+40 °C	65 °C
P CLAS P 40 5 W/2700 K E14	-20…+40 °C	65 °C
P CLAS P 40 5 W/2700 K E27	-20…+40 °C	70 °C
P CLAS P 40 CL 5 W/2700 K E27	-20…+40 °C	65 °C
P CLAS P 40 FR 5 W/2700 K E27	-20…+40 °C	50 °C
P CLAS P 60 6.5 W/2700 K E14	-20…+40 °C	65 °C
P CLAS P 60 6.5 W/2700 K E14	-20…+40 °C	75 °C

Lifespan

Product description	Nominal lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
P CLAS P 25 2.8 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 25 2.8 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 25 2.8 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 25 2.8 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 4.8 W/2700 K B22d	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 4.8 W/2700 K E14	15000 h	100000	0.70	≥ 0.90



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Product description	Nominal lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
P CLAS P 40 4.8 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 4.8 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 4.8 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 5 W/2700 K B22d	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 5 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 CL 5 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 40 FR 5 W/2700 K E27	15000 h	100000	0.70	≥ 0.90
P CLAS P 60 6.5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90
P CLAS P 60 6.5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90

Additional product data

Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P CLAS P 25 2.8 W/2700 K E14	E14	0.0 mg	Yes	Frosted	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)
P CLAS P 25 2.8 W/2700 K E14	E14	0.0 mg	Yes	Frosted	Dimmable (with many common dimmers, see also www.ledvance.com/dim)



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Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P CLAS P 25 2.8 W/2700 K E27	E27	0.0 mg	Yes	Frosted	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)
P CLAS P 25 2.8 W/2700 K E27	E27	0.0 mg	Yes	Frosted	Dimmable (with many common dimmers, see also www.ledvance.com/dim)
P CLAS P 40 4.8 W/2700 K B22d	B22d	0.0 mg	Yes	Frosted	Dimmable (with many common dimmers, see also www.ledvance.com/dim)
P CLAS P 40 4.8 W/2700 K E14	E14	0.0 mg	Yes	Clear	Dimmable (with many common dimmers, see also www.ledvance.com/dim)
P CLAS P 40 4.8 W/2700 K E14	E14	0.0 mg	Yes	Frosted	Dimmable (with many common dimmers, see also www.ledvance.com/dim)
P CLAS P 40 4.8 W/2700 K E27	E27	0.0 mg	Yes	Frosted	Dimmable (with many common dimmers, see also www.ledvance.com/dim)
P CLAS P 40 4.8 W/2700 K E27	E27	0.0 mg	Yes	Clear	Dimmable (with many common dimmers, see also www.ledvance.com/dim)
P CLAS P 40 5 W/2700 K B22d	B22d	0.0 mg	Yes	Frosted	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)



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Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P CLAS P 40 5 W/2700 K E14	E14	0.0 mg	Yes	Clear	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)
P CLAS P 40 5 W/2700 K E14	E14	0.0 mg	Yes	Clear	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)
P CLAS P 40 5 W/2700 K E14	E14	0.0 mg	Yes	Frosted	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)



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Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P CLAS P 40 5 W/2700 K E27	E27	0.0 mg	Yes	Clear	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)
P CLAS P 40 CL 5 W/2700 K E27	E27	0.0 mg	Yes	Clear	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)
P CLAS P 40 FR 5 W/2700 K E27	E27	0.0 mg	Yes	Frosted	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)



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Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
P CLAS P 60 6.5 W/2700 K E14	E14	0.0 mg	Yes		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)
P CLAS P 60 6.5 W/2700 K E14	E14	0.0 mg	Yes	Frosted	Dimmable (with many common dimmers, see also www.ledvance.com/dim)

Capabilities

Product description	Dimmable
P CLAS P 25 2.8 W/2700 K E14	Yes
P CLAS P 25 2.8 W/2700 K E14	Yes
P CLAS P 25 2.8 W/2700 K E27	Yes
P CLAS P 25 2.8 W/2700 K E27	Yes
P CLAS P 40 4.8 W/2700 K B22d	Yes
P CLAS P 40 4.8 W/2700 K E14	Yes
P CLAS P 40 4.8 W/2700 K E14	Yes
P CLAS P 40 4.8 W/2700 K E27	Yes
P CLAS P 40 4.8 W/2700 K E27	Yes
P CLAS P 40 5 W/2700 K B22d	Yes
P CLAS P 40 5 W/2700 K E14	Yes
P CLAS P 40 5 W/2700 K E14	Yes
P CLAS P 40 5 W/2700 K E14	Yes
P CLAS P 40 5 W/2700 K E27	Yes
P CLAS P 40 CL 5 W/2700 K E27	Yes
P CLAS P 40 FR 5 W/2700 K E27	Yes
P CLAS P 60 6.5 W/2700 K E14	Yes
P CLAS P 60 6.5 W/2700 K E14	Yes

Certificates & Standards



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Product description	Energy efficiency class	Energy consumption	Type of protection	Standards	Photobiological safety group acc. to EN62778
P CLAS P 25 2.8 W/2700 K E14	G[1)]	3.00 kWh/1000h	IP20	CE	RG0
P CLAS P 25 2.8 W/2700 K E14	F[2)]	3.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 25 2.8 W/2700 K E27	A++[1)]	3.00 kWh/1000h	IP20	CE	RG0
P CLAS P 25 2.8 W/2700 K E27	F[2)]	3.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 40 4.8 W/2700 K B22d	F[2)]	5.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 40 4.8 W/2700 K E14	F[2)]	5.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 40 4.8 W/2700 K E14	F[2)]	5.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 40 4.8 W/2700 K E27	F[2)]	5.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 40 4.8 W/2700 K E27	F[2)]	5.00 kWh/1000h	IP20	CE / EAC	RG0
P CLAS P 40 5 W/2700 K B22d	A+[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 40 5 W/2700 K E14	F[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 40 5 W/2700 K E14	F[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 40 5 W/2700 K E14	F[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 40 5 W/2700 K E27	F[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 40 CL 5 W/2700 K E27	A+[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 40 FR 5 W/2700 K E27	F[1)]	5.00 kWh/1000h	IP20	CE	RG0
P CLAS P 60 6.5 W/2700 K E14	A++[1)]	7.00 kWh/1000h	IP20	CE	RG0
P CLAS P 60 6.5 W/2700 K E14	E[2)]	7.00 kWh/1000h	IP20	CE / EAC	RG0

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

2) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Energy labellling regulation data acc EU 2019/2015



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Product description	Light source cap-type (or other electric interface)	Length	Height	Width
P CLAS P 25 2.8 W/2700 K E14	E14	78.00 mm	45,0 mm	45,0 mm
P CLAS P 25 2.8 W/2700 K E14	E14	78.00 mm	45,0 mm	45,0 mm
P CLAS P 25 2.8 W/2700 K E27	E27	77.00 mm	45,0 mm	45,0 mm
P CLAS P 25 2.8 W/2700 K E27	E27	77.00 mm	45,0 mm	45,0 mm
P CLAS P 40 4.8 W/2700 K B22d	B22d	76.00 mm	45.00 mm	45.00 mm
P CLAS P 40 4.8 W/2700 K E14	E14	78.00 mm	45.00 mm	45.00 mm
P CLAS P 40 4.8 W/2700 K E14	E14	78.00 mm	45.00 mm	45.00 mm
P CLAS P 40 4.8 W/2700 K E27	E27	77.00 mm	45.00 mm	45.00 mm
P CLAS P 40 4.8 W/2700 K E27	E27	77.00 mm	45.00 mm	45.00 mm
P CLAS P 40 5 W/2700 K B22d	B22d	76.00 mm	45.00 mm	45.00 mm
P CLAS P 40 5 W/2700 K E14	E14	80.00 mm	45.00 mm	45.00 mm
P CLAS P 40 5 W/2700 K E14	E14	78.00 mm	45.00 mm	45.00 mm
P CLAS P 40 5 W/2700 K E14	E14	78.00 mm	45.00 mm	45.00 mm
P CLAS P 40 5 W/2700 K E27	E27	78.00 mm	45.00 mm	45.00 mm
P CLAS P 40 CL 5 W/2700 K E27	E27	77.00 mm	45.00 mm	45.00 mm
P CLAS P 40 FR 5 W/2700 K E27	E27	77.00 mm	45.00 mm	45.00 mm
P CLAS P 60 6.5 W/2700 K E14	E14	78.00 mm	45.00 mm	45.00 mm
P CLAS P 60 6.5 W/2700 K E14	E14	78.00 mm	45.00 mm	45.00 mm

APPLICATION ADVICE

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

SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
P CLAS P 25 2.8 W/2700 K E14	4058075439252	-	8295390	4731431	-
P CLAS P 25 2.8 W/2700 K E14	4058075591134	-	8296803	4731649	-
P CLAS P 25 2.8 W/2700 K E27	4058075438934	-	8295391	4731434	-
P CLAS P 25 2.8 W/2700 K E27	4058075590816	-	8296804	4731652	-
P CLAS P 40 4.8 W/2700 K B22d	4058075590793	-	8296807	4731654	-
P CLAS P 40 4.8 W/2700 K E14	4058075591196	-	8296802	4731647	-



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Product description	Product code	METEL-Code	SEG number	STK number	UK Org
P CLAS P 40 4.8 W/2700 K E14	4058075591233	-	8296805	4731650	-
P CLAS P 40 4.8 W/2700 K E27	4058075590779	-	8296806	4731653	-
P CLAS P 40 4.8 W/2700 K E27	4058075590694	-	8296801	4731648	-
P CLAS P 40 5 W/2700 K B22d	4058075438910	-	8295394	4731436	-
P CLAS P 40 5 W/2700 K E14	4058075439658	-	8295347	4731368	-
P CLAS P 40 5 W/2700 K E14	4058075439313	-	8295388	4731429	-
P CLAS P 40 5 W/2700 K E14	4058075439351	-	8295392	4731432	-
P CLAS P 40 5 W/2700 K E27	4058075439634	-	8295348	4731369	-
P CLAS P 40 CL 5 W/2700 K E27	4058075438811	-	8295389	4731430	-
P CLAS P 40 FR 5 W/2700 K E27	4058075438897	-	8295393	4731435	-
P CLAS P 60 6.5 W/2700 K E14	4058075438859	-	8295395	4731433	-
P CLAS P 60 6.5 W/2700 K E14	4058075590731	-	8296808	4731651	-

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075439252	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3
4058075591134	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3
4058075438934	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075590816	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075590793	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075591196	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3
4058075591233	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3
4058075590779	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075590694	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075438910	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075439658	Folding box 1	46 mm x 46 mm x 113 mm	42.00 g	0.24 dm^3



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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075439313	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3
4058075439351	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm^3
4058075439634	Folding box 1	46 mm x 46 mm x 93 mm	42.00 g	0.20 dm^3
4058075438811	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075438897	Folding box 1	46 mm x 46 mm x 93 mm	28.00 g	0.20 dm^3
4058075438859	Folding box 1	46 mm x 46 mm x 113 mm	23.00 g	0.24 dm^3
4058075590731	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 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.



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