

LED STAR CLASSIC P

LED lamps, classic mini-ball shape



Areas of application

- General illumination
- Domestic applications

Product benefits

- Lower thermal output (compared with the standard reference product)
- Very low energy consumption
- Shockproof and vibration-proof thanks to LED technology
- Extremely long life
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Simple direct replacement for conventional incandescent lamps

Product features

- Professional LED lamps for line voltage
- Available with E14 or E27 screw base
- Not suitable for use with dimmers
- Mercury-free lamps
- Lifetime: up to 25,000 h



Product family datasheet

Technical data

Product description	Electrical data		Photometrical data			Light technical data	Dimensions & weight		Lifespan	
	Nominal wattage	Nominal voltage	Color temperature	Color rendering index Ra	Light color (designation)	Warm-up time (60 %)	Overall length	Diameter	Nominal lamp life time	Number of switching cycles
LED STAR CLASSIC P 15 2 W/827 E14 ¹⁾	2.00 W	220...240 V	2700 K	82	Warm White	0.00 s	80.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P 15 2 W/827 E27 ¹⁾	2.00 W	220...240 V	2700 K	82	Warm White	0.00 s	80.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P 25 4 W/827 CD E14 ¹⁾	4.00 W	220...240 V	2700 K	80	Warm White	0.50 s	105.0 mm	45.0 mm		100000
LED STAR CLASSIC P 25 4 W/827 CD E27 ¹⁾	4.00 W	220...240 V	2700 K	80	Warm White	0.50 s	105.0 mm	45.0 mm		100000
LED STAR CLASSIC P 25 4 W/827 FR E14 ¹⁾	4.00 W	220...240 V	2700 K	80	Warm White	0.10 s	105.0 mm	45.0 mm		100000
LED STAR CLASSIC P 25 4 W/827 FR E27 ¹⁾	4.00 W	220...240 V	2700 K	80	Warm White	0.50 s	105.0 mm	45.0 mm		100000
LED STAR CLASSIC P 25 4 W/840 FR E14 ¹⁾	4.00 W	220...240 V	4000 K		Cool White	0.10 s	80.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 25 4 W/840 FR E27 ¹⁾	4.00 W	220...240 V	4000 K		Cool White	0.10 s	80.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E14 CS ²⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	82.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E14 FR ²⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	82.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E14 CS ¹⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	82.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E14 FR ¹⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	82.0 mm	43.0 mm	15000 h	100000

Product family datasheet

Product description	Electrical data		Photometrical data			Light technical data	Dimensions & weight		Lifespan	
	Nominal wattage	Nominal voltage	Color temperature	Color rendering index Ra	Light color (designation)	Warm-up time (60 %)	Overall length	Diameter	Nominal lamp life time	Number of switching cycles
LED STAR CLASSIC P 40 6 W/827 E27 CS ²⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	80.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E27 FR ²⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	80.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E27 CS ¹⁾	6.00 W	220...240 V	2700 K	80	Warm White	0.50 s	80.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P 40 6 W/827 E27 FR ¹⁾	6.00 W	230 V	2700 K	80	Warm White	0.50 s	89.0 mm	43.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	3.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	80.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	3.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	74.0 mm	45.0 mm	15000 h	100000
LED STAR CL P ¹⁾	3.50 W	220...240 V	6500 K	≥70	Daylight	< 0.50 s	80.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	3.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	80.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	3.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	74.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	4.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	89.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	3.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	72.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	4.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	89.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	3.50 W	220...240 V	2700 K	80	Warm White	< 0.50 s	72.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	4.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	87.0 mm	45.0 mm	15000 h	100000
LED STAR CL P ¹⁾	3.50 W	220...240 V	6500 K	≥70	Daylight	< 0.50 s	74.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	4.50 W	220...240 V	2700 K	≥70	Warm White	< 0.50 s	87.0 mm	45.0 mm	15000 h	100000
LED STAR CL P ¹⁾	3.50 W	220...240 V	6500 K	80	Daylight	< 0.50 s	72.0 mm	45.0 mm	15000 h	100000
ST CLAS P ¹⁾	4.50 W	220...240 V	6500 K	≥70		< 0.50 s	89.0 mm	45.0 mm	15000 h	100000
ST CLAS P ¹⁾	4.50 W	220...240 V	6500 K	≥70		< 0.50 s	87.0 mm	45.0 mm	15000 h	100000
LED STAR CLASSIC P ¹⁾	4.50 W	220...240 V	2700 K	80	Warm White	< 0.50 s	86.0 mm	45.0 mm	15000 h	100000

Product family datasheet

Product description	Electrical data		Photometrical data			Light technical data	Dimensions & weight		Lifespan	
	Nominal wattage	Nominal voltage	Color temperature	Color rendering index Ra	Light color (designation)	Warm-up time (60 %)	Overall length	Diameter	Nominal lamp life time	Number of switching cycles
LED STAR CLASSIC P ¹⁾	4.50 W	220...240 V	2700 K	80	Warm White	< 0.50 s	86.0 mm	45.0 mm	15000 h	100000
ST CLAS P ¹⁾	4.50 W	220...240 V	6500 K	80		< 0.50 s	86.0 mm	45.0 mm	15000 h	100000

Product description	Lumen main. fact. at end of nom. life time	Additional product data			Capabilities	Certificates & standards	Country specific categorizations
		Base (standard designation)	Lamp mercury content	Mercury-free	Dimmable	Energy efficiency class	ILCOS
LED STAR CLASSIC P 15 2 W/827 E14 ¹⁾	0.70	E14	0.0 mg	Yes	No	A+	DRBP/F-2-220-240-E14-45/80
LED STAR CLASSIC P 15 2 W/827 E27 ¹⁾	0.70	E27	0.0 mg	Yes	No	A+	DRBP/F-2-220-240-E27-45/80
LED STAR CLASSIC P 25 4 W/827 CD E14 ¹⁾		E14		Yes	No	A+	DRBP/C-4-220-240-E14-45/78
LED STAR CLASSIC P 25 4 W/827 CD E27 ¹⁾		E27		Yes	No	A+	DRBP/C-4-220-240-E27-45/78
LED STAR CLASSIC P 25 4 W/827 FR E14 ¹⁾		E14	0.0 mg	Yes	No	A+	DRBP/F-4-220-240-E14-45/78
LED STAR CLASSIC P 25 4 W/827 FR E27 ¹⁾		E27		Yes	No		DRBP/F-4-220-240-E27-45/78
LED STAR CLASSIC P 25 4 W/840 FR E14 ¹⁾	0.70	E14	0.0 mg	Yes	No	A+	
LED STAR CLASSIC P 25 4 W/840 FR E27 ¹⁾	0.70	E27	0.0 mg	Yes	No	A+	
LED STAR CLASSIC P 40 6 W/827 E14 CS ²⁾		E14		Yes	No	A+	DRBP/C-5,8-220-240-E14-43/89

Product family datasheet

Product description	Lumen main. fact. at end of nom. life time	Additional product data			Capabilities	Certificates & standards	Country specific categorizations
		Base (standard designation)	Lamp mercury content	Mercury-free	Dimmable	Energy efficiency class	ILCOS
LED STAR CLASSIC P 40 6 W/827 E14 FR ²⁾		E14		Yes	No	A+	DRBP/F-5,8-220-240-E14-43/89
LED STAR CLASSIC P 40 6 W/827 E14 CS ¹⁾		E14		Yes	No	A+	
LED STAR CLASSIC P 40 6 W/827 E14 FR ¹⁾		E14		Yes	No	A+	
LED STAR CLASSIC P 40 6 W/827 E27 CS ²⁾		E27		Yes	No	A+	DRBP/C-5,8-220-240-E27-43/89
LED STAR CLASSIC P 40 6 W/827 E27 FR ²⁾		E27		Yes	Yes	A+	DRBP/F-5,8-220-240-E27-43/89
LED STAR CLASSIC P 40 6 W/827 E27 CS ¹⁾		E27		Yes	No	A+	
LED STAR CLASSIC P 40 6 W/827 E27 FR ¹⁾	0.70	E27		Yes	No	A+	
LED STAR CLASSIC P ¹⁾	0.70	E14		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E27		Yes	No		
LED STAR CL P ¹⁾	0.70	E14		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E14		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E27		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E14		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	B22d		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E14		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	B22d		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E27		Yes	No		
LED STAR CL P ¹⁾	0.70	E27		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	E27		Yes	No		

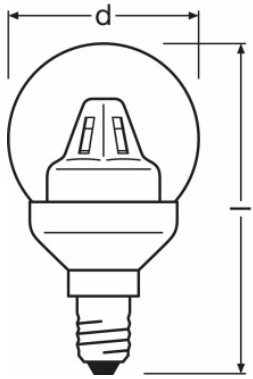
Product family datasheet

Product description	Lumen main. fact. at end of nom. life time	Additional product data			Capabilities	Certificates & standards	Country specific categorizations
		Base (standard designation)	Lamp mercury content	Mercury-free	Dimmable	Energy efficiency class	ILCOS
LED STAR CL P ¹⁾	0.70	B22d		Yes	No		
ST CLAS P ¹⁾	0.70	E14		Yes	No		
ST CLAS P ¹⁾	0.70	E27		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	B22d		Yes	No		
LED STAR CLASSIC P ¹⁾	0.70	B22d		Yes	No		
ST CLAS P ¹⁾	0.70	B22d		Yes	No		

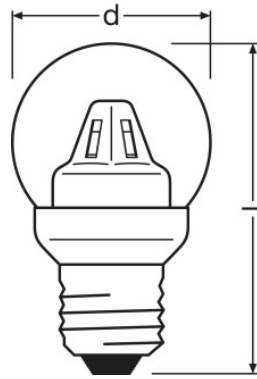
¹⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which 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

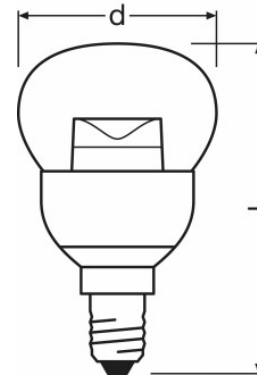
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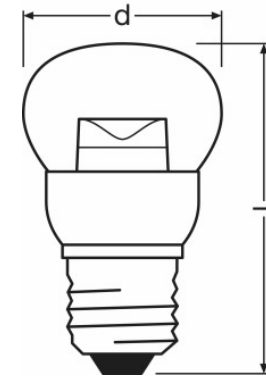
LED STAR CLASSIC P 15 2 W/827 E14



LED STAR CLASSIC P 15 2 W/827 E27

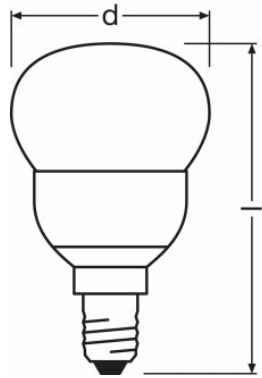


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E14

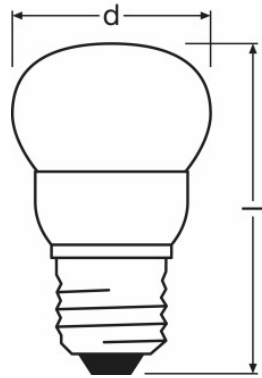


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E27

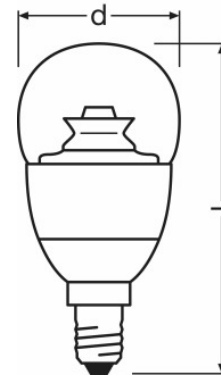
Product family datasheet



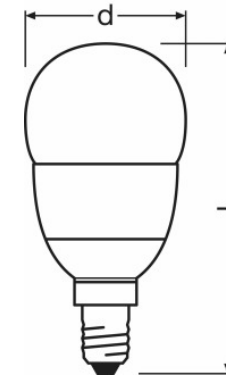
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FR E14, LED STAR CLASSIC P 40 6
W/827 E14 FR



LED STAR CLASSIC P 25 4 W/827 FR
E27

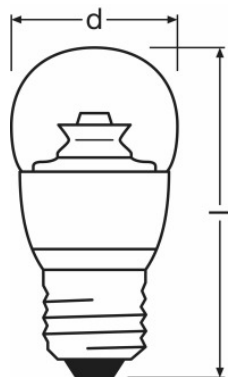


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CS, LED STAR CLASSIC P 40 6 W/827
E14 CS

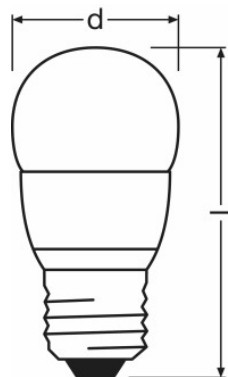


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FR

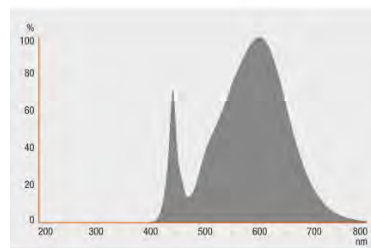
Product family datasheet



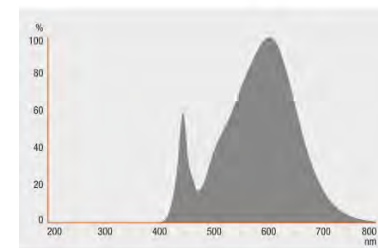
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LED STAR CLASSIC P 40 6 W/827 E27 FR



LED STAR CLASSIC P 15 2 W/827 E14, LED STAR CLASSIC P 15 2 W/827 E27



LED STAR CLASSIC P 25 4 W/827 CD E14, LED STAR CLASSIC P 25 4 W/827 CD E27, LED STAR CLASSIC P 25 4 W/827 FR E14, LED STAR CLASSIC P 25 4 W/827 FR E27, LED STAR CLASSIC P 40 6 W/827 E14 CS, LED STAR CLASSIC P 40 6 W/827 E14 FR, LED STAR CLASSIC P 40 6 W/827 E27 CS, LED STAR CLASSIC P 40 6 W/827 E27 FR

Application advice

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

Logistical Data

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899911260	LED STAR CLASSIC P 15 2 W/827 E14	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	481.00 g
4052899911277	LED STAR CLASSIC P 15 2 W/827 E27	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	510.00 g
4052899913653	LED STAR CLASSIC P 25 4 W/827 CD E14	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	477.00 g
4052899913684	LED STAR CLASSIC P 25 4 W/827 CD E27	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	653.00 g
4052899232730	LED STAR CLASSIC P 25 4 W/827 FR E14	Shipping carton box 10	275 mm x 117 mm x 110 mm	3.54 dm ³	996.00 g
4052899913646	LED STAR CLASSIC P 25 4 W/827 FR E14	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	444.00 g
4052899232754	LED STAR CLASSIC P 25 4 W/827 FR E27	Shipping carton box 10	275 mm x 117 mm x 110 mm	3.54 dm ³	996.00 g
4052899913677	LED STAR CLASSIC P 25 4 W/827 FR E27	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	503.00 g
4052899146426	LED STAR CLASSIC P 25 4 W/840 FR E14	Shipping carton box 6	274 mm x 153 mm x 136 mm	5.70 dm ³	510.00 g
4052899146457	LED STAR CLASSIC P 25 4 W/840 FR E27	Shipping carton box 6	274 mm x 153 mm x 136 mm	5.70 dm ³	569.00 g
4052899911963	LED STAR CLASSIC P 40 6 W/827 E14 CS	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	612.00 g
4052899911932	LED STAR CLASSIC P 40 6 W/827 E14 FR	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	600.00 g
4052899232570	LED STAR CLASSIC P 40 6 W/827 E14 CS	Shipping carton box 10	275 mm x 117 mm x 110 mm	3.54 dm ³	771.00 g
4052899232617	LED STAR CLASSIC P 40 6 W/827 E14 FR	Shipping carton box 10	275 mm x 117 mm x 110 mm	3.54 dm ³	771.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899911956	LED STAR CLASSIC P 40 6 W/827 E27 CS	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	689.00 g
4052899911949	LED STAR CLASSIC P 40 6 W/827 E27 FR	Shipping carton box 6	290 mm x 153 mm x 136 mm	6.03 dm ³	667.00 g
4052899232594	LED STAR CLASSIC P 40 6 W/827 E27 CS	Shipping carton box 10	275 mm x 117 mm x 110 mm	3.54 dm ³	901.00 g
4052899221130	LED STAR CLASSIC P 40 6 W/827 E27 FR	Shipping carton box 10	275 mm x 117 mm x 110 mm	3.54 dm ³	901.00 g
4052899251625	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 101 mm	2.69 dm ³	469.00 g
4052899251762	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 95 mm	2.53 dm ³	507.00 g
4052899251663	LED STAR CL P	Shipping carton box 10	251 mm x 106 mm x 101 mm	2.69 dm ³	469.00 g
4052899251649	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 101 mm	2.69 dm ³	509.00 g
4052899251748	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 95 mm	2.53 dm ³	477.00 g
4052899251687	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	712.00 g
4052899251861	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 95 mm	2.53 dm ³	557.00 g
4052899251700	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	772.00 g
4052899251885	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 95 mm	2.53 dm ³	597.00 g
4052899251809	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	732.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899251786	LED STAR CL P	Shipping carton box 10	251 mm x 106 mm x 95 mm	2.53 dm ³	477.00 g
4052899251823	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	792.00 g
4052899251908	LED STAR CL P	Shipping carton box 10	251 mm x 106 mm x 95 mm	2.53 dm ³	557.00 g
4052899251724	ST CLAS P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	712.00 g
4052899251847	ST CLAS P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	732.00 g
4052899251922	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	802.00 g
4052899251946	LED STAR CLASSIC P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	862.00 g
4052899251960	ST CLAS P	Shipping carton box 10	251 mm x 106 mm x 109 mm	2.90 dm ³	802.00 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.

References / Links

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see

▶ www.osram.com/guarantee

Product family datasheet

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.