LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR

LED SUPERSTAR CLASSIC B advanced | Dimmable LED lamps, classic mini-candle shape, with retrofit screw base

Areas of application

- General illumination
- Domestic applications
- Chandeliers

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
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Good color rendering (Ra ≥ 80) and color stability throughout the life of the lamp
- Base: E14
- Mercury-free lamps

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Technical data

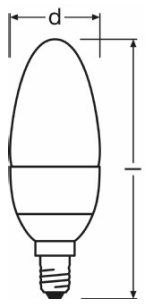
Electrical data

Rated wattage	6 W
Nominal wattage	6 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz
Power factor λ	0.55
Claimed equiv. conventional lamp power	40 W
Energy consumption	6 kWh/1000h

Light technical data

Nominal luminous flux	470 lm
Rated luminous flux	470 lm
Color temperature	2700 K
Color rendering index Ra	80
Warm-up time (60 %)	0.00 s
Lumen main.fact.at end of nom.life time	0.70
Light color as per EN 12464-1	Warm White
Starting time	< 0.5 s
Standard deviation of color matching	≤6 sdcm
Lumen maintenance at end of service life	0.70

Dimensions & weight



Product line drawing

Overall length	110.0 mm
Diameter	38.0 mm

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Outer bulb	B40
Length	110.0 mm

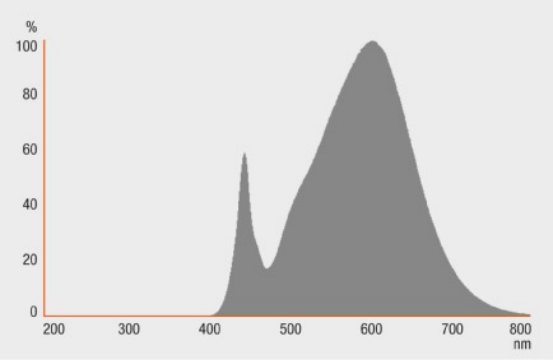
Colors & materials

Mercury-free	Yes

Lifespan

Nominal lamp life time	20000 h
Rated lamp life time	20000 h
Number of switching cycles	100000

Additional product data



Spectral power distribution

Base (standard designation)	E14
New article	NEW
Design / version	Frosted
Appropriate disposal acc. to WEEE	Yes
Footnote used only for product	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

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Capabilities

Dimmable	Yes [1]

[1] With many common dimmers

Certificates & standards

Energy efficiency class	A+

Country specific categorizations

ILCOS	DRBB/F-6,2-220-240-E14-38/110

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899904415	LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR	Blister 1	144 mm x 39 mm x 64 mm	0.36 dm^3	72.00 g
4052899904446	LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR	Shipping carton box 6	- x - x -		
4052899040595	LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR	Shipping carton box 36	- x - x -		

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

For dimming conformity see
- www.osram.com/DIM

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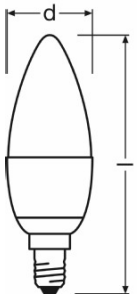
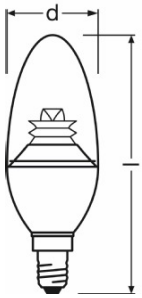


Product line drawing



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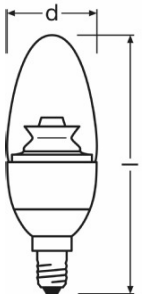
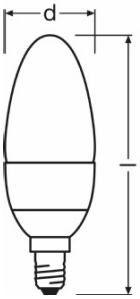


Product line drawing



Product line drawing

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Technical data

Product description	Base (standard designation)	Nominal wattage	Nominal voltage	Nominal lamp life time	Color temperature	Color rendering index Ra
LED SUPERSTAR CLASSIC B 25 ADV 4.5 W/827 E14 [1]	E14	4.5 W	220...240 V	25000 h	2700 K	80
LED SUPERSTAR CLASSIC B 25 ADV 5 W/827 E14 [2]	E14	3.8 W	220...240 V	25000 h	2700 K	80
LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 CS [2]	E14	6 W	220...240 V	20000 h	2700 K	80
LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR [2]	E14	6 W	220...240 V	20000 h	2700 K	80
LED SUPERSTAR CLASSIC B [3]	E14	3.8 W	220 V	25000 h	2700 K	80
LED SUPERSTAR CLASSIC B [3]	E14	3.8 W	230 V	25000 h	2700 K	80

Product description	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content	Overall length	Diameter	Dimmable
LED SUPERSTAR CLASSIC B 25 ADV 4.5 W/827 E14 [1]	0.00 s	100000	0.0 mg	109.0 mm	35.0 mm	Yes [4]
LED SUPERSTAR CLASSIC B 25 ADV 5 W/827 E14 [2]	0.00 s	100000	0.0 mg	109.0 mm	35.0 mm	Yes [4]
LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 CS [2]	0.00 s	100000		110.0 mm	35.0 mm	Yes [4]
LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR [2]	0.00 s	100000		110.0 mm	38.0 mm	Yes [4]
LED SUPERSTAR CLASSIC B [3]	0.00 s	100000		102.0 mm	38.0 mm	Yes

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Product description	Warm-up time (60 %)	Number of switching cycles	Lamp mercury content	Overall length	Diameter	Dimmable
LED SUPERSTAR CLASSIC B [3]	0.00 s	100000		102.0 mm	38.0 mm	Yes

Product description	Energy efficiency class	Lumen main.fact.at end of nom.life time	Mercury-free	New article	Light color as per EN 12464-1	ILCOS
LED SUPERSTAR CLASSIC B 25 ADV 4.5 W/827 E14 [1]	A+	0.70	Yes	NEW	Warm White	
LED SUPERSTAR CLASSIC B 25 ADV 5 W/827 E14 [2]	A+	0.70	Yes	NEW	Warm White	DRBB/C-5-220-240-E14-35
LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 CS [2]	A+	0.70	Yes	NEW	Warm White	DRBB/C-6,2-220-240-E14-38/110
LED SUPERSTAR CLASSIC B 40 ADV 6 W/827 E14 FR [2]	A+	0.70	Yes	NEW	Warm White	DRBB/F-6,2-220-240-E14-38/110
LED SUPERSTAR CLASSIC B [3]	A+	0.70	Yes		Warm White	
LED SUPERSTAR CLASSIC B [3]	A+	0.70	Yes		Warm White	

[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 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/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)

[4] With many common dimmers

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Application advice

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

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