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## HALOLUX CERAM

Compact halogen lamps for use in narrow luminaires



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### Areas of application

- General illumination
- Mood lighting
- Dining table lighting
- Lighting for reading
- Restaurants, hotels and similar prestigious applications

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### Product benefits

- More compact dimensions than ordinary light bulbs
- The same pleasant quality of light as that of an incandescent lamp
- No transformer required
- UV filter
- Contains no mercury

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### Product features

- 100 % dimmable
- Average life: 2,000 h
- Available in higher wattages up to 205 W

# Product family datasheet

## Technical data

Product description	Electrical data					Photometrical data			Light technical data	
	Nominal wattage	Nominal voltage	Rated luminous flux	Rated wattage	Power factor $\lambda$	Nominal luminous flux	Color temperature	Color rendering index Ra	Starting time	Warm-up time (60 %)
HALOLUX CERAM 40 W 230 V B15D	40.0 W	230 V	590 lm	40.00 W	1.00	590 lm	2700 K	100	0.0 s	0.00 s
HALOLUX CERAM 60 W 230 V B15D	60.0 W	230 V	980 lm	60.00 W	1.00	980 lm	2800 K	100	0.0 s	0.00 s
HALOLUX CERAM 60 W 230 V B15D	60.0 W	230 V	980 lm	60.00 W	1.00	980 lm	2800 K	100	0.0 s	0.00 s
HALOLUX CERAM 70 W 230 V B15D	70.0 W	230 V	1180 lm	70.00 W	1.00	1180 lm	2800 K	100	0.0 s	0.00 s
HALOLUX CERAM 100 W 230 V B15D	100 W	230 V	1800 lm	100.00 W	1.00	1800 lm	2900 K	100	0.0 s	0.00 s
HALOLUX CERAM 150 W 230 V B15D	150 W	230 V	2870 lm	150.00 W	1.00	2870 lm	2900 K	100	0.0 s	0.00 s
HALOLUX CERAM 205 W 230 V B15D	205 W	230 V	4200 lm	205.00 W	1.00	4200 lm	3000 K	100	0.0 s	0.00 s
HALOLUX CERAM 70 W 230 V E27	70.0 W	230 V	1180 lm	70.00 W	1.00	1180 lm	2800 K	100	0.0 s	0.00 s
HALOLUX CERAM 100 W 230 V E27	100 W	230 V	1800 lm	100.00 W	1.00	1800 lm	2900 K	100	0.0 s	0.00 s
HALOLUX CERAM 150 W 230 V E27	150 W	230 V	2870 lm	150.00 W	1.00	2870 lm	2900 K	100	0.0 s	0.00 s
HALOLUX CERAM 205 W 230 V E27	205 W	230 V	4200 lm	205.00 W	1.00	4200 lm	3000 K	100	0.0 s	0.00 s
HALOLUX CERAM 100 W 240 V E27	100 W	240 V	1800 lm	100.00 W	1.00	1800 lm	2900 K	100	0.0 s	0.00 s
HALOLUX CERAM 150 W 240 V E27	150 W	240 V	2870 lm	150.00 W	1.00	2870 lm	2900 K	100	0.0 s	0.00 s
HALOLUX CERAM 205 W 240 V E27	205 W	240 V	4200 lm	205.00 W	1.00	4200 lm	3000 K	100	0.0 s	0.00 s

Product description	Dimensions & weight			Lifespan				Additional product data		
	Diameter	Overall length	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free
HALOLUX CERAM 40 W 230 V B15D	13.0 mm	67.0 mm	39.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes
HALOLUX CERAM 60 W 230 V B15D	13.0 mm	67.0 mm	39.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes
HALOLUX CERAM 60 W 230 V B15D	13.0 mm	80.0 mm	55.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes
HALOLUX CERAM 70 W 230 V B15D	13.0 mm	80.0 mm	55.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes

## Product family datasheet

Product description	Dimensions & weight			Lifespan				Additional product data		
	Diameter	Overall length	Light center length (LCL)	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen main. fact. at end of nom. life time	Base (standard designation)	Lamp mercury content	Mercury-free
HALOLUX CERAM 100 W 230 V B15D	13.0 mm	86.0 mm	55.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes
HALOLUX CERAM 150 W 230 V B15D	13.0 mm	86.0 mm	55.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes
HALOLUX CERAM 205 W 230 V B15D	15.0 mm	98.0 mm	67.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	B15d	0.0 mg	Yes
HALOLUX CERAM 70 W 230 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes
HALOLUX CERAM 100 W 230 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes
HALOLUX CERAM 150 W 230 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes
HALOLUX CERAM 205 W 230 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes
HALOLUX CERAM 100 W 240 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes
HALOLUX CERAM 150 W 240 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes
HALOLUX CERAM 205 W 240 V E27	32.0 mm	105.0 mm	75.0 mm	2000 h	2000 h	50000 <sup>1)</sup>	0.80	E27	0.0 mg	Yes

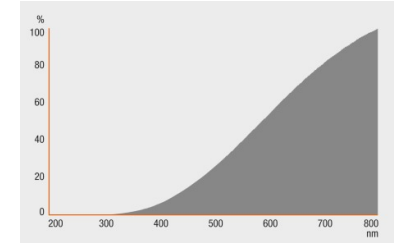
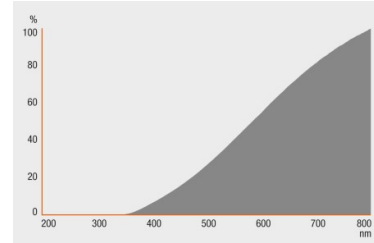
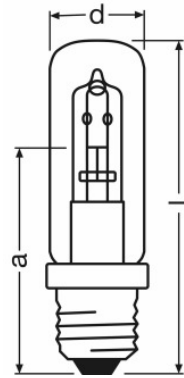
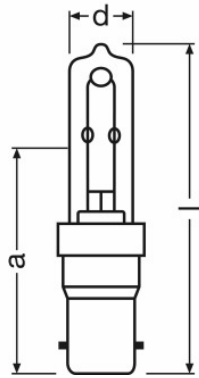
Product description	Capabilities		Certificates & standards		Country specific categorizations
	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOLUX CERAM 40 W 230 V B15D	Any	Yes	D	40 kWh/1000h	HSGST/C/UB-40-230-B15D-39
HALOLUX CERAM 60 W 230 V B15D	Any	Yes	D	60 kWh/1000h	HSGST/C/UB-60-230-B15D-39
HALOLUX CERAM 60 W 230 V B15D	Any	Yes	D	60 kWh/1000h	HSGST/C/UB-60-230-B15D-55
HALOLUX CERAM 70 W 230 V B15D	Any	Yes	D	70 kWh/1000h	HSGST/C/UB-70-230-B15D-55
HALOLUX CERAM 100 W 230 V B15D	Any	Yes	D	100 kWh/1000h	HSGST/C/UB-100-230-B15D-55
HALOLUX CERAM 150 W 230 V B15D	Any	Yes	D	150 kWh/1000h	HSGST/C/UB-150-230-B15D-55
HALOLUX CERAM 205 W 230 V B15D	Any	Yes	D	205 kWh/1000h	HSGST/C/UB-205-230-B15D-67
HALOLUX CERAM 70 W 230 V E27	Any	Yes	D	70 kWh/1000h	HSGST/C/UB-70-230-E27-75
HALOLUX CERAM 100 W 230 V E27	Any	Yes	D	100 kWh/1000h	HSGST/C/UB-100-230-E27-75
HALOLUX CERAM 150 W 230 V E27	Any	Yes	D	150 kWh/1000h	HSGST/C/UB-150-230-E27-75

## Product family datasheet

Product description	Capabilities		Certificates & standards		Country specific categorizations
	Burning position	Dimmable	Energy efficiency class	Energy consumption	ILCOS
HALOLUX CERAM 205 W 230 V E27	Any	Yes	D	205 kWh/1000h	HSGST/C/UB-205-230-E27-75
HALOLUX CERAM 100 W 240 V E27	Any	Yes	D	100 kWh/1000h	HSGST/C/UB-100-240-E27-75
HALOLUX CERAM 150 W 240 V E27	Any	Yes	D	150 kWh/1000h	HSGST/C/UB-150-240-E27-75
HALOLUX CERAM 205 W 240 V E27	Any	Yes	D	205 kWh/1000h	HSGST/C/UB-205-240-E27-75

<sup>1)</sup> At 1 min on / 3 min off

## Product family datasheet



HALOLUX CERAM 40 W 230 V B15D,  
HALOLUX CERAM 60 W 230 V B15D,  
HALOLUX CERAM 60 W 230 V B15D,  
HALOLUX CERAM 70 W 230 V B15D,  
HALOLUX CERAM 100 W 230 V B15D,  
HALOLUX CERAM 150 W 230 V B15D,  
HALOLUX CERAM 205 W 230 V B15D

HALOLUX CERAM 70 W 230 V E27,  
HALOLUX CERAM 100 W 230 V E27,  
HALOLUX CERAM 150 W 230 V E27,  
HALOLUX CERAM 205 W 230 V E27,  
HALOLUX CERAM 100 W 240 V E27,  
HALOLUX CERAM 150 W 240 V E27,  
HALOLUX CERAM 205 W 240 V E27

HALOLUX CERAM 40 W 230 V B15D,  
HALOLUX CERAM 60 W 230 V B15D,  
HALOLUX CERAM 60 W 230 V B15D,  
HALOLUX CERAM 70 W 230 V B15D,  
HALOLUX CERAM 100 W 230 V B15D,  
HALOLUX CERAM 150 W 230 V B15D,  
HALOLUX CERAM 205 W 230 V B15D

HALOLUX CERAM 70 W 230 V E27,  
HALOLUX CERAM 100 W 230 V E27,  
HALOLUX CERAM 150 W 230 V E27,  
HALOLUX CERAM 205 W 230 V E27,  
HALOLUX CERAM 100 W 240 V E27,  
HALOLUX CERAM 150 W 240 V E27,  
HALOLUX CERAM 205 W 240 V E27

### 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
4008321393319	HALOLUX CERAM 40 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	390.00 g
4008321393708	HALOLUX CERAM 60 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	393.00 g
4008321393722	HALOLUX CERAM 60 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	480.00 g
4008321393746	HALOLUX CERAM 70 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	477.00 g
4008321393760	HALOLUX CERAM 100 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	485.00 g
4008321393784	HALOLUX CERAM 150 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	539.40 g
4008321393807	HALOLUX CERAM 205 W 230 V B15D	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	542.00 g
4008321393821	HALOLUX CERAM 70 W 230 V E27	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	984.60 g
4008321393845	HALOLUX CERAM 100 W 230 V E27	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	984.60 g
4008321393869	HALOLUX CERAM 150 W 230 V E27	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	984.60 g
4008321393883	HALOLUX CERAM 205 W 230 V E27	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	943.80 g
4008321393906	HALOLUX CERAM 100 W 240 V E27	Shipping carton box 12	159 mm x 127 mm x 160 mm	3.23 dm <sup>3</sup>	984.60 g
4008321393920	HALOLUX CERAM 150 W 240 V E27	Shipping carton box 12	180 mm x 127 mm x 140 mm	3.20 dm <sup>3</sup>	984.60 g
4008321393944	HALOLUX CERAM 205 W 240 V E27	Shipping carton box 12	180 mm x 179 mm x 77 mm	2.48 dm <sup>3</sup>	937.50 g

## Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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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.

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### Disclaimer

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