



Low Voltage Capsules

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Functional light with substantial energy savings Philips Halogen Low Voltage Capsules provide sparkling, white light. These lamps offer an average rated life of 2000 hours making them perfect for undercabinet or task lighting.

Benefits

- Bright white light

Features

- Must always be used in an enclosed fixture.
- Low voltage types require a fixture with a 12 volt transformer. Never interchange 12 and 120 volt types.
- Available in: T3: 10 and 20 watt; T4: 35, 50 and 75 watt.

Application

- Ideal for desk lamps, undercabinet fixtures, cabinet lighting, and more.

Warnings and Safety

- This lamp is pressurized and could shatter, so to avoid any injury and to avoid exposure to ultraviolet radiation, use only in fixtures that provide a protective shield of tempered glass.

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Versions



G4, T9, Clear

Dimensional drawing

D

Product	D (max)	L	C (max)
LV Capsule CAPSL 10W G4 12V CL 1BL/12	10 mm	22.2 mm	33 mm
LV Capsule CAPSL 20W G4 12V CL 1BL/12	10 mm	22 mm	33 mm

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s

General Information

Cap-Base	G4
Operating Position	Universal
Rated Lifetime (Hours)	2000 h

Luminaire Design Requirements

Bulb Temperature (Max)	220 °C
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Light Technical

Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T3

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
127431	LV Capsule BC10W12V/CAPSULE/TP	0.83 A	10 W
513457	LV Capsule BC20W12V/CAPSULE/TP	-	20 W

General Information

Low Voltage Capsules

Order Code	Full Product Name	Philips Code	Switching Cycle
127431	LV Capsule BC10W12V/CAPSULE/TP	-	-

Order Code	Full Product Name	Philips Code	Switching Cycle
513457	LV Capsule BC20W12V/CAPSULE/TP	14729	8000X

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
127431	LV Capsule BC10W12V/ CAPSULE/TP	10 lm/W	100 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
513457	LV Capsule BC20W12V/ CAPSULE/TP	-	255 lm

Approval and Application

Order Code	Full Product Name	Energy Efficiency Label (EEL)
127431	LV Capsule BC10W12V/CAPSULE/TP	-

Order Code	Full Product Name	Energy Efficiency Label (EEL)
513457	LV Capsule BC20W12V/CAPSULE/TP	C

