



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.

Versions



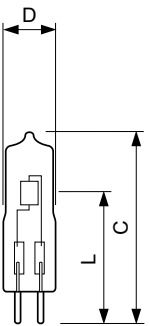
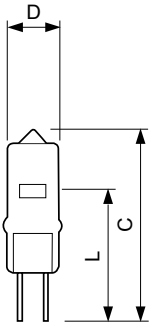
GY6.35, T11, Clear



G4, T9, Clear

Low Voltage Capsules

Dimensional drawing



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

Product	D (max)	L	C (max)
LV Capsule 13103 12V 35W 100PK	12 mm	30 mm	44 mm

Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s
General Information	
Operating Position	Universal
Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100
Mechanical and Housing	
Bulb Finish	CL
Bulb Shape	T3

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
295535	LV Capsule 13103 12V 35W 100PK	37 kWh	C
127431	LV Capsule BC10W12V/CAPSULE/TP	-	-
513457	LV Capsule BC20W12V/CAPSULE/TP	-	C

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Warm Up Time To 60% Light (Nom)
295535	LV Capsule 13103 12V 35W 100PK	2.95 A	35.0 W	instant full light
127431	LV Capsule BC10W12V/CAPSULE/TP	0.83 A	10 W	-

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Warm Up Time To 60% Light (Nom)
513457	LV Capsule BC20W12V/CAPSULE/TP	-	20 W	-

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General Information (1/2)

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Philips Code	Rated Lifetime (Hours)
295535	LV Capsule 13103 12V 35W 100PK	GY6.35	4000 h	13103	4000 h
127431	LV Capsule BC10W12V/ CAPSULE/TP	G4	-	-	2000 h

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Philips Code	Rated Lifetime (Hours)
513457	LV Capsule BC20W12V/ CAPSULE/TP	G4	-	14729	2000 h

General Information (2/2)

Order Code	Full Product Name	Switching Cycle
295535	LV Capsule 13103 12V 35W 100PK	16000X
127431	LV Capsule BC10W12V/CAPSULE/TP	-

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

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
295535	LV Capsule 13103 12V 35W 100PK	900 °C
127431	LV Capsule BC10W12V/CAPSULE/TP	220 °C

Order Code	Full Product Name	Bulb Temperature (Max)
513457	LV Capsule BC20W12V/CAPSULE/TP	220 °C

Light Technical

Order Code	Full Product Name	Lmf At End Of Nominal Lifetime (Min)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
295535	LV Capsule 13103 12V 35W 100PK	80 %	17 lm/W	600 lm	600 lm
127431	LV Capsule BC10W12V/ CAPSULE/TP	-	10 lm/W	100 lm	-

Order Code	Full Product Name	Lmf At End Of Nominal Lifetime (Min)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
513457	LV Capsule BC20W12V/ CAPSULE/TP	-	-	255 lm	-

