



Trusted quality for best performance

Essential LV Capsule

The Essential LV Capsule is part of the Philips "Value for Money" ranges. It is the smallest lamp available on the market, ideal for professional end-users looking for bright sparkling light from a compact light source in hotels and restaurants.

Benefits

- Small size for an easy fit into the luminaire
- Axial filament to create a uniform beam
- Best dimmability to meet different brightness requirements

Features

- Bright sparkling light to create ambient atmosphere.
- Excellent color rendering (Ra=100) to present the true color of objects.
- Instant start to offer direct brightness from the moment switch on.
- No mercury to ensure the safety usage.
- Reliable quality to be trusted.

Application

- Hotels and restaurants

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.

Essential LV Capsule

Versions



G4, T9, Clear



GY6.35, T11, Clear

Dimensional drawing

D

Product	D (max)	L	C (max)
Ess Capsule 50W GY6.35 12V CL 1CT/50	12 mm	30 mm	44 mm
Ess Capsule 50W GY6.35 12V CL 2BC/10	12 mm	30 mm	44 mm
Ess Capsule 10W G4 12V CL 1CT/50	10 mm	22 mm	33 mm
ss Capsule 10W G4 12V CL 2BC/10	10 mm	22 mm	33 mm
Ess Capsule 50W GY6.35 12V CL 1CT/50	12 mm	30 mm	44 mm
Ess Capsule 20W G4 12V CL 1CT/50	10 mm	22 mm	33 mm
Ess Capsule 20W G4 12V CL 1CT/50	10 mm	22 mm	33 mm
Ess Capsule 20W G4 12V CL 2BC/10	10 mm	22 mm	33 mm
Ess Capsule 20W G4 12V CL 2BC/10	10 mm	22 mm	33 mm

Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s
General Information	
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	2000 h
Light Technical	
Color Rendering Index (Nom)	100
Mechanical and Housing	
Bulb Finish	Clear

Approval and Application

Order Code	Full Product Name	Energy Efficiency Label (EEL)
924058017101	ss Capsule 10W G4 12V CL 2BC/10	Not applicable
924058017182	Ess Capsule 10W G4 12V CL 1CT/50	Not applicable
924062217101	Ess Capsule 20W G4 12V CL 2BC/10	C

Order Code	Full Product Name	Energy Efficiency Label (EEL)
924062217120	Ess Capsule 20W G4 12V CL 2BC/10	C
924062217160	Ess Capsule 20W G4 12V CL 1CT/50	C
924062217182	Ess Capsule 20W G4 12V CL 1CT/50	C

Essential LV Capsule

Order Code	Full Product Name	Energy Efficiency Label (EEL)
924062017101	Ess Capsule 50W GY6.35 12V CL 2BC/10	-
924062017160	Ess Capsule 50W GY6.35 12V CL 1CT/50	-

Order Code	Full Product Name	Energy Efficiency Label (EEL)
924062017182	Ess Capsule 50W GY6.35 12V CL 1CT/50	-

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Warm Up Time To 60% Light (Nom)
924058017101	ss Capsule 10W G4 12V CL 2BC/10	0.83 A	10 W	instant full light
924058017182	Ess Capsule 10W G4 12V CL 1CT/50	0.83 A	10 W	instant full light
924062217101	Ess Capsule 20W G4 12V CL 2BC/10	-	20 W	-
924062217120	Ess Capsule 20W G4 12V CL 2BC/10	-	20 W	-
924062217160	Ess Capsule 20W G4 12V CL 1CT/50	-	20 W	-

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Warm Up Time To 60% Light (Nom)
924062217182	Ess Capsule 20W G4 12V CL 1CT/50	-	20 W	-
924062017101	Ess Capsule 50W GY6.35 12V CL 2BC/10	-	50 W	-
924062017160	Ess Capsule 50W GY6.35 12V CL 1CT/50	-	50 W	-
924062017182	Ess Capsule 50W GY6.35 12V CL 1CT/50	-	50 W	-

General Information

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Philips Code	Switching Cycle
924058017101	ss Capsule 10W G4 12V CL 2BC/10	G4	2000 h	14728	8000X
924058017182	Ess Capsule 10W G4 12V CL 1CT/50	G4	2000 h	14728	8000X
924062217101	Ess Capsule 20W G4 12V CL 2BC/10	G4	-	14729	8000X
924062217120	Ess Capsule 20W G4 12V CL 2BC/10	G4	-	14729	8000X
924062217160	Ess Capsule 20W G4 12V CL 1CT/50	G4	-	14729	8000X

Order Code	Full Product Name	Cap-Base	Nominal Lifetime (Nom)	Philips Code	Switching Cycle
924062217182	Ess Capsule 20W G4 12V CL 1CT/50	G4	-	14729	8000X
924062017101	Ess Capsule 50W GY6.35 12V CL 2BC/10	GY6.35	-	14730	-
924062017160	Ess Capsule 50W GY6.35 12V CL 1CT/50	GY6.35	-	14730	-
924062017182	Ess Capsule 50W GY6.35 12V CL 1CT/50	GY6.35	-	14730	-

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
924058017101	ss Capsule 10W G4 12V CL 2BC/10	900 °C
924058017182	Ess Capsule 10W G4 12V CL 1CT/50	900 °C
924062217101	Ess Capsule 20W G4 12V CL 2BC/10	220 °C
924062217120	Ess Capsule 20W G4 12V CL 2BC/10	220 °C
924062217160	Ess Capsule 20W G4 12V CL 1CT/50	220 °C

Order Code	Full Product Name	Bulb Temperature (Max)
924062217182	Ess Capsule 20W G4 12V CL 1CT/50	220 °C
924062017101	Ess Capsule 50W GY6.35 12V CL 2BC/10	-
924062017160	Ess Capsule 50W GY6.35 12V CL 1CT/50	-
924062017182	Ess Capsule 50W GY6.35 12V CL 1CT/50	-

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Lmf At End Of Nominal Lifetime (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
924058017101	ss Capsule 10W G4 12V CL 2BC/10	2700 K	85 %	10 lm/W	100 lm	100 lm

Essential LV Capsule

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Lmf At End Of		Luminous Flux	
			Nominal Lifetime (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	(Rated) (Nom)
924058017182	Ess Capsule 10W G4 12V CL 1CT/50	2700 K	85 %	10 lm/W	100 lm	100 lm
924062217101	Ess Capsule 20W G4 12V CL 2BC/10	3000 K	-	-	255 lm	-
924062217120	Ess Capsule 20W G4 12V CL 2BC/10	3000 K	-	-	255 lm	-
924062217160	Ess Capsule 20W G4 12V CL 1CT/50	3000 K	-	-	255 lm	-
924062217182	Ess Capsule 20W G4 12V CL 1CT/50	3000 K	-	-	255 lm	-
924062017101	Ess Capsule 50W GY6.35 12V CL 2BC/10	3000 K	-	-	700 lm	-
924062017160	Ess Capsule 50W GY6.35 12V CL 1CT/50	3000 K	-	-	700 lm	-
924062017182	Ess Capsule 50W GY6.35 12V CL 1CT/50	3000 K	-	-	700 lm	-

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
924058017101	ss Capsule 10W G4 12V CL 2BC/10	T9	924062217182	Ess Capsule 20W G4 12V CL 1CT/50	T9
924058017182	Ess Capsule 10W G4 12V CL 1CT/50	T9	924062017101	Ess Capsule 50W GY6.35 12V CL 2BC/10	T11
924062217101	Ess Capsule 20W G4 12V CL 2BC/10	T9	924062017160	Ess Capsule 50W GY6.35 12V CL 1CT/50	T11
924062217120	Ess Capsule 20W G4 12V CL 2BC/10	T9	924062017182	Ess Capsule 50W GY6.35 12V CL 1CT/50	T11
924062217160	Ess Capsule 20W G4 12V CL 1CT/50	T9			

