



Product Description

EcoHalo MV Caps G9

Energy-saving mains-voltage halogen capsules giving approximately 30% energy saving compared with standard 2000 hour lamps

Benefits

- Energy saving with beautiful halogen light
- Mains-voltage lamp so no transformer needed

Features

- Saves 30% energy and saves money
- Same size for direct replacement of existing halogen lamps
- Top quality light - excellent color rendering
- UV-Block burner
- No light transmitted through the back of the reflector

Application

- General lighting applications in homes, shops, hotels and restaurants

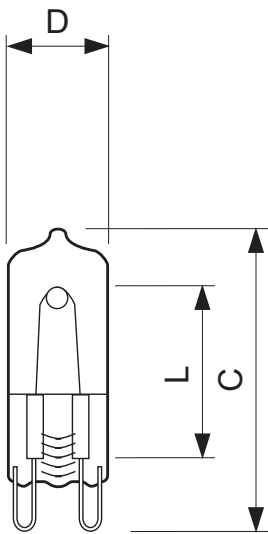
PHILIPS

Related products



G9, Clear

Dimensional drawing



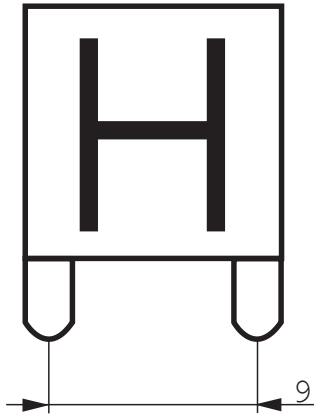
EcoHalo MV Caps 28W G9 230V CL 1BC

Product	C (Max)	D (Max)	L (Norm)
ECOH MVC 28W G9 230V CL 45	45	13	21.7
ECOH MVC 28W G9 230V CL 45	45	13	21.7
ECOH MVC 28W G9 230V CL 45	45	13	21.7
ECOH MVC 28W G9 240V CL 44.6	44.6	12.75	21.7
ECOH MVC 42W G9 230V CL 45	45	13	21.7
ECOH MVC 42W G9 230V CL 45	45	13	21.7
ECOH MVC 42W G9 240V CL 44.6	44.6	12.75	21.7
ECOH MVC 18W G9 230V CL 45	45	13	21.7
ECOH MVC 18W G9 230V CL 45	45	13	21.7
ECOH MVC 18W G9 230V CL 45	45	13	21.7
ECOH MVC 18W G9 230V CL 45	45	13	21.7
ECOH MVC 18W G9 240V CL 44.6	44.6	12.75	21.7

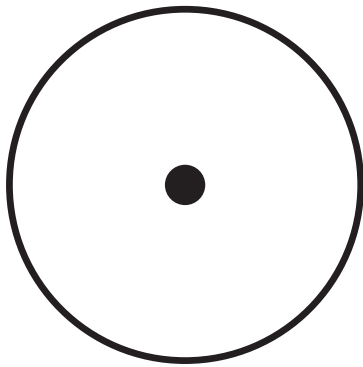
General Characteristics

Order code	Full product name	Cap-Base	Bulb	Bulb Finish	Operating Position	Nominal Life-time	Rated Lifetime (hours)	Rated Lifetime (years)
925640644202	EcoHalo MV Caps 28W G9 230V CL 1BC	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925640644213	EcoHalo MV Caps 28W G9 230V CL 2BC	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925640644215	EcoHalo MV Caps 28W G9 230V CL 2BS	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925640645502	EcoHalo MV Caps 28W G9 240V CL 1BC	G9	T13	Clear	any	-	2000 hr	2 an
925640844202	EcoHalo MV Caps 42W G9 230V CL 1BC	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925640844208	EcoHalo MV Caps 42W G9 230V CL 2BC	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925640845502	EcoHalo MV Caps 42W G9 240V CL 1BC	G9	T13	Clear	any	-	2000 hr	2 an
925697744202	EcoHalo MV Caps 18W G9 230V CL 1BC	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925697744203	EcoHalo MV Caps 18W G9 230V CL 1BS	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925697744205	EcoHalo MV Caps 18W G9 230V CL 2BC	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925697744206	EcoHalo MV Caps 18W G9 230V CL 2BS	G9	T13	Clear	any	2000 hr	2000 hr	2 an
925697845502	EcoHalo MV Caps 18W G9 240V CL 1BC	G9	T13	Clear	any	-	2000 hr	2 an

Installation diagrams



G9



any

Light Technical Characteristics

Order code	Full product name	Color Rendering Index	Color Temperature	Luminous flux lamp	Rated Luminous Flux	Luminous Efficacy Lamp	LLMF - end nominal lifetime
925640644202	EcoHalo MV Caps 28W G9 230V CL 1BC	100 Ra8	2800 K	370 Lm	370 Lm	12.1 Lm/W	80 (min) %
925640644213	EcoHalo MV Caps 28W G9 230V CL 2BC	100 Ra8	2800 K	370 Lm	370 Lm	12.1 Lm/W	80 (min) %
925640644215	EcoHalo MV Caps 28W G9 230V CL 2BS	100 Ra8	2800 K	370 Lm	370 Lm	12.1 Lm/W	80 (min) %
925640645502	EcoHalo MV Caps 28W G9 240V CL 1BC	100 Ra8	2800 K	370 Lm	370 Lm	12.1 Lm/W	80 (min) %
925640844202	EcoHalo MV Caps 42W G9 230V CL 1BC	100 Ra8	2800 K	630 Lm	630 Lm	15 Lm/W	80 (min) %
925640844208	EcoHalo MV Caps 42W G9 230V CL 2BC	100 Ra8	2800 K	630 Lm	630 Lm	15 Lm/W	80 (min) %
925640845502	EcoHalo MV Caps 42W G9 240V CL 1BC	100 Ra8	2800 K	630 Lm	630 Lm	15 Lm/W	80 (min) %
925697744202	EcoHalo MV Caps 18W G9 230V CL 1BC	100 Ra8	2800 K	204 Lm	204 Lm	11.1 Lm/W	80 (min) %
925697744203	EcoHalo MV Caps 18W G9 230V CL 1BS	100 Ra8	2800 K	204 Lm	204 Lm	11.1 Lm/W	80 (min) %
925697744205	EcoHalo MV Caps 18W G9 230V CL 2BC	100 Ra8	2800 K	204 Lm	204 Lm	11.1 Lm/W	80 (min) %
925697744206	EcoHalo MV Caps 18W G9 230V CL 2BS	100 Ra8	2800 K	204 Lm	204 Lm	11.1 Lm/W	80 (min) %
925697845502	EcoHalo MV Caps 18W G9 240V CL 1BC	100 Ra8	2800 K	204 Lm	204 Lm	11.1 Lm/W	80 (min) %

Electrical Characteristics

Order code	Full product name	Rated Wattage	Lamp Wattage	Voltage	Lamp Current	Dimmable	Wattage Equivalent	Starting Time	Warm-up Time to 60% Light Outp
925640644202	EcoHalo MV Caps 28W G9 230V CL 1BC	28.0 W	28 W	230 V	0.12 A	Yes	40 W	0.0 s	instant full light
925640644213	EcoHalo MV Caps 28W G9 230V CL 2BC	28.0 W	28 W	230 V	0.12 A	Yes	40 W	0.0 s	instant full light
925640644215	EcoHalo MV Caps 28W G9 230V CL 2BS	28.0 W	28 W	230 V	0.12 A	Yes	40 W	0.0 s	instant full light
925640645502	EcoHalo MV Caps 28W G9 240V CL 1BC	28 W	28 W	240 V	0.12 A	Yes	40 W	0.01 (max) s	instant full light
925640844202	EcoHalo MV Caps 42W G9 230V CL 1BC	42.0 W	42 W	230 V	0.18 A	Yes	60 W	0.0 s	instant full light
925640844208	EcoHalo MV Caps 42W G9 230V CL 2BC	42.0 W	42 W	230 V	0.18 A	Yes	60 W	0.0 s	instant full light
925640845502	EcoHalo MV Caps 42W G9 240V CL 1BC	42 W	42 W	240 V	0.18 A	Yes	60 W	0.01 (max) s	instant full light
925697744202	EcoHalo MV Caps 18W G9 230V CL 1BC	18.0 W	18 W	230 V	0.08 A	Yes	25 W	0.0 s	instant full light
925697744203	EcoHalo MV Caps 18W G9 230V CL 1BS	18.0 W	18 W	230 V	0.08 A	Yes	25 W	0.0 s	instant full light
925697744205	EcoHalo MV Caps 18W G9 230V CL 2BC	18.0 W	18 W	230 V	0.08 A	Yes	25 W	0.0 s	instant full light
925697744206	EcoHalo MV Caps 18W G9 230V CL 2BS	18.0 W	18 W	230 V	0.08 A	Yes	25 W	0.0 s	instant full light
925697845502	EcoHalo MV Caps 18W G9 240V CL 1BC	18 W	18 W	240 V	0.07 A	Yes	25 W	0.01 (max) s	instant full light

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Energy consumption kWh/1000h
925640644202	EcoHalo MV Caps 28W G9 230V CL 1BC	D	28 kWh
925640644213	EcoHalo MV Caps 28W G9 230V CL 2BC	D	28 kWh
925640644215	EcoHalo MV Caps 28W G9 230V CL 2BS	D	28 kWh
925640645502	EcoHalo MV Caps 28W G9 240V CL 1BC	C	-
925640844202	EcoHalo MV Caps 42W G9 230V CL 1BC	D	42 kWh
925640844208	EcoHalo MV Caps 42W G9 230V CL 2BC	D	42 kWh
925640845502	EcoHalo MV Caps 42W G9 240V CL 1BC	C	-
925697744202	EcoHalo MV Caps 18W G9 230V CL 1BC	D	18 kWh
925697744203	EcoHalo MV Caps 18W G9 230V CL 1BS	D	18 kWh
925697744205	EcoHalo MV Caps 18W G9 230V CL 2BC	D	18 kWh
925697744206	EcoHalo MV Caps 18W G9 230V CL 2BS	D	18 kWh
925697845502	EcoHalo MV Caps 18W G9 240V CL 1BC	C	-

Measuring Conditions

Order code	Full product name	Switching cycle
925640644202	EcoHalo MV Caps 28W G9 230V CL 1BC	8000X
925640644213	EcoHalo MV Caps 28W G9 230V CL 2BC	8000X
925640644215	EcoHalo MV Caps 28W G9 230V CL 2BS	8000X
925640645502	EcoHalo MV Caps 28W G9 240V CL 1BC	8000X
925640844202	EcoHalo MV Caps 42W G9 230V CL 1BC	8000X
925640844208	EcoHalo MV Caps 42W G9 230V CL 2BC	8000X
925640845502	EcoHalo MV Caps 42W G9 240V CL 1BC	8000X
925697744202	EcoHalo MV Caps 18W G9 230V CL 1BC	8000X
925697744203	EcoHalo MV Caps 18W G9 230V CL 1BS	8000X
925697744205	EcoHalo MV Caps 18W G9 230V CL 2BC	8000X
925697744206	EcoHalo MV Caps 18W G9 230V CL 2BS	8000X
925697845502	EcoHalo MV Caps 18W G9 240V CL 1BC	8000X

Luminaire Design Requirements

Order code	Full product name	Bulb Temperature
925640644202	EcoHalo MV Caps 28W G9 230V CL 1BC	950 (max) C
925640644213	EcoHalo MV Caps 28W G9 230V CL 2BC	950 (max) C
925640644215	EcoHalo MV Caps 28W G9 230V CL 2BS	950 (max) C
925640645502	EcoHalo MV Caps 28W G9 240V CL 1BC	950 (max) C
925640844202	EcoHalo MV Caps 42W G9 230V CL 1BC	950 (max) C
925640844208	EcoHalo MV Caps 42W G9 230V CL 2BC	950 (max) C
925640845502	EcoHalo MV Caps 42W G9 240V CL 1BC	950 (max) C

Order code	Full product name	Bulb Temperature
925697744202	EcoHalo MV Caps 18W G9 230V CL 1BC	950 (max) C
925697744203	EcoHalo MV Caps 18W G9 230V CL 1BS	950 (max) C
925697744205	EcoHalo MV Caps 18W G9 230V CL 2BC	950 (max) C

Order code	Full product name	Bulb Temperature
925697744206	EcoHalo MV Caps 18W G9 230V CL 2BS	950 (max) C
925697845502	EcoHalo MV Caps 18W G9 240V CL 1BC	950 (max) C



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2013, August 28
data subject to change