PHILIPS Lighting



Compact shape, crisp white light

Capsules LV 3,000 h

Low-voltage halogen capsule. Ideal solution for small decorative luminaires. The UV-block glass and low-pressure filling allow usage without cover glass. The compact halogen capsule delivers crisp white light over a long lifetime.

Benefits

- Perfect fit replacement for halogen luminaires
- \cdot Bright, sparkling halogen light to create the right atmosphere
- Fully dimmable, from 0 to 100%, to meet different brightness requirements

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Compact size, easy to fit in the luminaire
- \cdot Universal burning position
- Instant start

Application

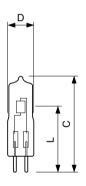
- General lighting in shops, restaurants, hotels, galleries, exhibitions and museums
- Ideal for use in small, decorative luminaires

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Versions



Dimensional drawing



D

Product	D (max)	L	C (max)
Caps 3000h 36.0W GY6.35 12V 1CT/10x10F	12 mm	30 mm	44 mm
Caps 3000h 26.0W GY6.35 12V 1CT/10x10F	12 mm	30 mm	44 mm

Product	D (max)	L	C (max)
Caps 3000h 14.3W G4 12V CL 1CT/10x10F	10 mm	22.2 mm	33 mm

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Controls and dimming	
Dimmable	Yes
Operating and electrical	
Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s
Warm Up Time To 60% Light (Nom)	Instant full light s
General information	
Nominal Lifetime (Nom)	3000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	3000 h
Rated Lifetime (Years)	3 a
Switching Cycle	12,000X
Light technical	
Colour Rendering Index (Nom)	100
Mechanical and housing	
Bulb Finish	Clear

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
82774100	Caps 3000h 14.3W G4 12V CL 1CT/10x10F	14 kWh
82780200	Caps 3000h 26.0W GY6.35 12V 1CT/10x10F	25 kWh
82783300	Caps 3000h 36.0W GY6.35 12V 1CT/10x10F	35 kWh

Operating and electrical

		Lamp Current	
Order Code	Full Product Name	(Nom)	Power (Nom)
82774100	Caps 3000h 14.3W G4 12V CL 1CT/	1.167 A	14.0 W
	10x10F		
82780200	Caps 3000h 26.0W GY6.35 12V 1CT/	2.083 A	25.0 W
	10x10F		

		Lamp Current	
Order Code	Full Product Name	(Nom)	Power (Nom)
82783300	Caps 3000h 36.0W GY6.35 12V 1CT/	2.917 A	35.0 W
	10x10F		

General information

Order Code	Full Product Name	Cap-Base
82774100	Caps 3000h 14.3W G4 12V CL 1CT/10x10F	G4
82780200	Caps 3000h 26.0W GY6.35 12V 1CT/10x10F	GY6.35

Order Code	Full Product Name	Cap-Base
82783300	Caps 3000h 36.0W GY6.35 12V 1CT/10x10F	GY6.35

Luminaire design requirements

Order Code	Full Product Name	Bulb Temperature (Max)
82774100	Caps 3000h 14.3W G4 12V CL 1CT/10x10F	600 °C
82780200	Caps 3000h 26.0W GY6.35 12V 1CT/10x10F	900 °C

Order Code	Full Product Name	Bulb Temperature (Max)
82783300	Caps 3000h 36.0W GY6.35 12V 1CT/10x10F	900 °C

Light technical

		Correlated	Luminous		
		Colour	Efficacy		Luminous
	Full Product	Temperature	(rated)	Luminous	Flux (Rated)
Order Code	Name	(Nom)	(Nom)	Flux (Nom)	(Nom)
82774100	Caps 3000h	2900 K	16.6 lm/W	232 lm	232 lm
	14.3W G4 12V				
	CL 1CT/10x10F				
82780200	Caps 3000h	3000 K	20 lm/W	500 lm	500 lm
	26.0W GY6.35				

		Correlated	Luminous		
		Colour	Efficacy		Luminous
	Full Product	Temperature	(rated)	Luminous	Flux (Rated)
Order Code	Name	(Nom)	(Nom)	Flux (Nom)	(Nom)
	12V 1CT/				
	10x10F				
82783300	Caps 3000h	3100 K	21.9 lm/W	766 lm	766 lm
	36.0W GY6.35				

Capsules LV 3,000 h

		Correlated	Luminous		
		Colour	Efficacy		Luminous
	Full Product	Temperature	(rated)	Luminous	Flux (Rated)
Order Code	Name	(Nom)	(Nom)	Flux (Nom)	(Nom)
	12V 1CT/				

Mechanical and housing

Order Code	Full Product Name	Bulb Shape
82774100	Caps 3000h 14.3W G4 12V CL 1CT/10x10F	Т9
82780200	Caps 3000h 26.0W GY6.35 12V 1CT/10x10F	T11

Order Code	Full Product Name	Bulb Shape
82783300	Caps 3000h 36.0W GY6.35 12V 1CT/10x10F	T11



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