

IRR-coated halogen capsule. Compact shape, crisp white light

MASTERCapsule

Low-voltage halogen capsule with very high energy efficiency and long lifetime thanks to IRR coating. Ideal solution for small decorative luminaires. UV-block glass and low-pressure filling allow usage without cover glass.

Benefits

- Bright, sparkling halogen light to create the right atmosphere
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Lowest replacement cost due to extra-long lifetime

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Low-pressure technology with UV-block glass allows use in luminaires without front glass
- Unique Philips-patented EcoBoost single-ended burner: 40% higher efficiency than standard products
- Universal burning position
- Instant start

Application

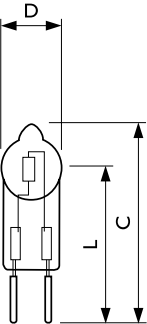
- General lighting in shops, restaurants, hotels, galleries, exhibitions and museums. Ideal for use in small, decorative luminaires

Versions



GY6.35, T11, IR Coated

Dimensional drawing



Product	D (max)	L	C (max)
MASTERCapsule 30W GY6.35 12V IR 1CT/5X10F	12 mm	30 mm	44 mm
MASTERCapsule 45W GY6.35 12V IR 1CT/5X10F	12 mm	30 mm	44 mm

Approval and Application	
Energy Efficiency Label (EEL)	B
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
General Information	
Cap-Base	GY6.35
Nominal Lifetime (Nom)	4000 h
Operating Position	UNIVERSAL
Philips Code	18161
Rated Lifetime (Hours)	4000 h
Switching Cycle	16000X
Luminaire Design Requirements	
Bulb Temperature (Max)	900 °C
Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100
Llmf At End Of Nominal Lifetime (Min)	80 %
Mechanical and Housing	
Bulb Finish	IR Coated
Bulb Shape	T11

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924898317102	MASTERCapsule 30W GY6.35 12V IR 1CT/5X10F	32 kWh
924898417102	MASTERCapsule 45W GY6.35 12V IR 1CT/5X10F	48 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Wattage Equivalent	Power (Rated) (Nom)
924898317102	MASTERCapsule 30W GY6.35 12V IR 1CT/5X10F	2.5 A	50 W	30.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Wattage Equivalent	Power (Rated) (Nom)
924898417102	MASTERCapsule 45W GY6.35 12V IR 1CT/5X10F	3.75 A	75 W	45.0 W

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
924898317102	MASTERCapsule 30W GY6.35 12V IR 1CT/5X10F	23 lm/W	750 lm	750 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
924898417102	MASTERCapsule 45W GY6.35 12V IR 1CT/5X10F	24 lm/W	1250 lm	1250 lm

