



# 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**

- ${\boldsymbol{\cdot}}$  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
- $\cdot$  Universal burning position
- · Instant start

### **Application**

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

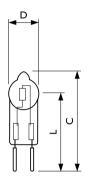
# **MASTERCapsule**

# 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

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### **Approval and Application** Energy Efficiency Label (EEL) **Controls and Dimming** Dimmable Operating and Electrical Voltage (Nom) 12 V 0.0 s Starting Time (Nom) 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) **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

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

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

# **Light Technical**

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

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

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