



MASTERCapsule

MASTERCapsule 45W GY6.35 12V IR 1CT

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.

Product data

• General Characteristics

Philips Code	18161
Cap-Base	GY6.35
Cap-Base Information	15
Bulb	T4 [T4: .434 inch / 11mm]
Bulb Finish	IR Coated
Operating Position	any [Any or Universal (U)]
Nominal Lifetime	4000 hr
Rated Lifetime (hours)	4000 hr
Rated Lifetime (years)	4 an

• Light Technical Characteristics

Color Rendering Index	100 Ra8
Color Temperature	3000 K
Color Temperature Technical	3000 K
Luminous flux lamp	1250 Lm
Rated Luminous Flux	1250 Lm
Luminous Efficacy	24 Lm/W
Lamp LLMF - end nominal lifetime	80 (min) %

• Electrical Characteristics

Rated Wattage	45.0 W
Lamp Wattage	45 W
Lamp Wattage Technical	45.0 W
Power Factor	1 -
Voltage	12 V
Lamp Current	3.75 A
Dimmable	Yes

Wattage Equivalent	75 W
Starting Time	0.0 s
Warm-up Time to 60% Light Outp	instant full light

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Energy consumption kWh/1000h	48 kWh

• Measuring Conditions

Switching cycle	16000X
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• Luminaire Design Requirements

Pinch Temperature	350 (max) C
Bulb Temperature	900 (max) C

• Product Dimensions

Overall Length C	44 (max) mm
Diameter D	12 (max) mm
Overall Width E	12 (min) mm
Light Center Length L	30 mm
Overall Height H	44 (min) mm

• Product Data

Order code	924898417102
Full product code	924898417102
Full product name	MASTERCapsule 45W GY6.35 12V IR 1CT

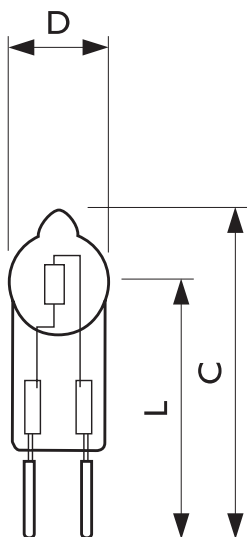
PHILIPS

MASTERCapsule

Order product name MASTERCaps 45W GY6.35 12V IR
1CT/5X10F
Pieces per pack 1
Packing configuration 5X10F
Packs per outerbox 50
Bar code on pack -
EAN1 8727900203554
Bar code on inter-
mediate packing -
EAN2 8727900203912

Bar code on 8727900203929
outerbox - EAN3
Logistic code(s) - 924898417102
12NC
ILCOS code HSG/F-45-12-GY6.35
Net weight per piece 2.300 gr

Dimensional drawing



MASTERCapsule 45W GY6.35 12V IR 1CT

Product	C (Max)	D (Max)	L (Norm)
CAP MS 18161 45W GY6.35 12V IR	44	12	30



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2013, October 9
data subject to change