



# Product Description

## Halogen non-reflector

Low-voltage quartz halogen capsule lamps

### Benefits

- Small size permits the use of compact, efficient optical systems
- Constant, high light output during lifetime

### Features

- The smallest quartz halogen lamps available
- Distortion-free quartz bulb and precisely defined filament position for optimal beam performance
- Square-filament lamp 5761 is specially designed for microscopes with computer read-out

### Application

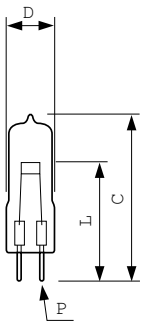
- Microscopes
- Optical equipment
- Slide and film viewers
- Medical equipment
- Industrial applications

# Halogen non-reflector

## Versions

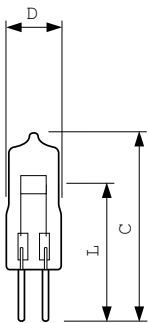


## Dimensional drawing



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
7748XHP 250W G6.35 24V 1CT/ 10X10F	12.5 mm	32.75 mm	33.25 mm	33 mm	1.05 mm	1 mm	0.95 mm	55 mm
6550 150W G6.35 15V 1CT/ 10X10F	11.5 mm	29.75 mm	30.25 mm	30 mm	1.05 mm	1 mm	0.95 mm	44 mm
7027 50W G6.35 12V 1CT/ 10X10F	11.5 mm	29.75 mm	30.25 mm	30 mm	1.05 mm	1 mm	0.95 mm	44 mm
7023 100W GY6.35 12V 1CT/10X10F	11.5 mm	29.75 mm	30.25 mm	30 mm	1.30 mm	1.25 mm	1.20 mm	44 mm

Product	D (max)	L (max)	C (max)
7387 10W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm



### General Information

Main Application	Projection
Operating Position	S90

### Light Technical

Colour Rendering Index (Nom)	100
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### Mechanical and Housing

Bulb Material	Quartz-UV Open
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# Halogen non-reflector

## Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
40981250	7023 100W GY6.35 12V 1CT/10X10F	12 V	100 W
40982950	7027 50W G6.35 12V 1CT/10X10F	12 V	50 W
40984350	6550 150W G6.35 15V 1CT/10X10F	15 V	150 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	24 V	250 W
41027650	7387 10W G4 6V 1CT/10X10F	6 V	10 W

## General Information

Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Philips Code
40981250	7023 100W GY6.35 12V 1CT/10X10F	FCR	GY6.35	A1/215	50 h	7023
40982950	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	7027
40984350	6550 150W G6.35 15V 1CT/10X10F	EVB-BRJ	G6.35	A1/234	50 h	6550
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	EHJ	G6.35	A1/223	50 h	7748XHP
41027650	7387 10W G4 6V 1CT/10X10F	ESA	G4	M29	100 h	7387

## Light Technical

Order Code	Full Product Name	Correlated Colour		
		Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
40981250	7023 100W GY6.35 12V 1CT/10X10F	3450 K	-	3600 lm
40982950	7027 50W G6.35 12V 1CT/10X10F	3350 K	-	1600 lm
40984350	6550 150W G6.35 15V 1CT/10X10F	3450 K	-	5600 lm

Order Code	Full Product Name	Correlated Colour		
		Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	3550 K	-	10000 lm
41027650	7387 10W G4 6V 1CT/ 10X10F	3200 K	200 lm	-

## Mechanical and Housing

Order Code	Full Product Name	Filament Shape
40981250	7023 100W GY6.35 12V 1CT/10X10F	Flat
40982950	7027 50W G6.35 12V 1CT/10X10F	Flat
40984350	6550 150W G6.35 15V 1CT/10X10F	Flat

Order Code	Full Product Name	Filament Shape
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	Flat
41027650	7387 10W G4 6V 1CT/10X10F	-

