



# Halogen non-reflector lamps – high-quality light and easy to use

## Halogen non-reflector

Halogen non-reflector lamps offer high-quality light and are easy to install, replace and operate. All halogen non-reflector lamps incorporate a distortion-free quartz bulb and a precise positioning of the mounted filament. These ensure optimal beam performance and consistent, high light output. A wide range of wattages is available for a broad variety of applications, including projection systems. In addition you get all the proven advantages of halogen technology such as a full spectrum and a color rendering index (CRI) of 100 – the same as natural light and the best that it can be. Halogen lamps also create a comfortable warm white light, and they maintain their lumen output, with almost no reduction, throughout their lifetime.

### Benefits

- Optimal beam performance
- 100% Color Rendering Index (CRI)
- Constant light output throughout lifetime

### Features

- Distortion-free, quartz bulb and precisely defined filament position
- Lamp replacement without adjustment
- XHP version with xenon gas for maximum light output
- Flat filament available

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### Application

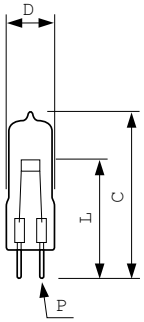
- Studio, film, theatre and disco lighting
- Slide, overhead, profile and 8/16 mm film projectors
- Microscopes
- Optical equipment
- Slide and film viewers
- Surgery lamps
- Microfilm readers
- Dental lamps
- Spectrography

### Versions



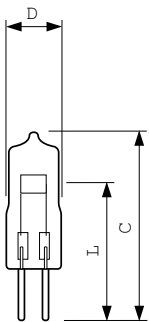
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## Dimensional drawing



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
14623 95W G6.35 17V 1CT/ 10X10F	11.5 mm	31.5 mm	32.25 mm	32 mm	1.05 mm	1 mm	0.95 mm	50 mm
13701 110W G6.35 22.8V 1CT/10x10F	11.7 mm	29.6 mm	30.4 mm	30 mm	43 mm	1.05 mm	1 mm	0.95 mm
7158XHP 150W G6.35 24V 1CT/10X10F	11.5 mm	31.5 mm	33.25 mm	33 mm	1.05 mm	1 mm	0.95 mm	50 mm
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
6958 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	57 mm
7724I 100W GY6.35 12V 1CT/10X10F	10.7 mm	29.65 mm	30.25 mm	30 mm	1.30 mm	1.25 mm	1.20 mm	44 mm
7724 100W GY6.35 12V 1CT/10X10F	10.7 mm	29.65 mm	30.25 mm	30 mm	1.30 mm	1.25 mm	1.20 mm	44 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
7158 150W G6.35 24V 1CT/10X10F	11.5 mm	31.5 mm	32.25 mm	32 mm	1.05 mm	1 mm	0.95 mm	50 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)
5761 30W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm
7388 20W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm
7387 10W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm
6605 10W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm



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## General Information

Main Application Projection

## Mechanical and Housing

Bulb Material Quartz-UV Open

## 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
40985050	7724 100W GY6.35 12V 1CT/10X10F	12 V	100 W
41280550	7724I 100W GY6.35 12V 1CT/10X10F	12 V	100 W
40982950	7027 50W G6.35 12V 1CT/10X10F	12 V	50 W
40983650	7158 150W G6.35 24V 1CT/10X10F	24 V	150 W
40984350	6550 150W G6.35 15V 1CT/10X10F	15 V	150 W
40989850	6958 250W G6.35 24V 1CT/10X10F	24 V	250 W
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	24 V	250 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	24 V	150 W
42667350	14623 95W G6.35 17V 1CT/10X10F	17 V	95 W
41009250	6605 10W G4 6V 1CT/10X10F	6 V	10 W
41027650	7387 10W G4 6V 1CT/10X10F	6 V	10 W
40986750	7388 20W G4 6V 1CT/10X10F	6 V	20 W
41084950	5761 30W G4 6V 1CT/10X10F	6 V	30 W
42826450	13701 110W G6.35 22.8V 1CT	22.8 V	110 W

## General Information

Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Operating Position	Philips Code
40981250	7023 100W GY6.35 12V 1CT/10X10F	FCR	GY6.35	A1/215	50 h	S90	7023
40985050	7724 100W GY6.35 12V 1CT/10X10F	EVA	GY6.35	M28	2000 h	S90	7724
41280550	7724I 100W GY6.35 12V 1CT/10X10F	EVA	GY6.35	-	2000 h	S90	7724I
40982950	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	S90	7027
40983650	7158 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	50 h	S90	7158
40984350	6550 150W G6.35 15V 1CT/10X10F	EVB-BRJ	G6.35	A1/234	50 h	S90	6550
40989850	6958 250W G6.35 24V 1CT/10X10F	EVC-FGX	G6.35	M33	300 h	S90	6958
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	EHJ	G6.35	A1/223	50 h	S90	7748XHP
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	40 h	S90	7158XHP
42667350	14623 95W G6.35 17V 1CT/10X10F	-	G6.35	-	2000 h	S90	14623
41009250	6605 10W G4 6V 1CT/10X10F	-	G4	M42	2000 h	UNIVERSAL	6605
41027650	7387 10W G4 6V 1CT/10X10F	ESA	G4	M29	100 h	S90	7387
40986750	7388 20W G4 6V 1CT/10X10F	ESB	G4	M30	100 h	UNIVERSAL	7388
41084950	5761 30W G4 6V 1CT/10X10F	-	G4	-	100 h	UNIVERSAL	5761
42826450	13701 110W G6.35 22.8V 1CT	-	G6.35	-	700 h	S90	13701

## Light Technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		40981250	7023 100W GY6.35 12V 1CT/10X10F	3450 K	100
40985050	7724 100W GY6.35 12V 1CT/10X10F	3300 K	100	-	2800 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		41280550	7724I 100W GY6.35 12V 1CT/10X10F	3300 K	100
40982950	7027 50W G6.35 12V 1CT/10X10F	3350 K	100	-	1600 lm
40983650	7158 150W G6.35 24V 1CT/10X10F	3450 K	100	-	5200 lm

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Order Code	Full Product Name	Correlated Colour Temperature	Colour Rendering Index	Luminous Flux (Nom)	Luminous Flux (Rated)
		(Nom)	(Nom)		
40984350	6550 150W G6.35 15V 1CT/ 10X10F	3450 K	100	-	5600 lm
40989850	6958 250W G6.35 24V 1CT/ 10X10F	3400 K	100	-	9000 lm
41029050	7748XHP 250W G6.35 24V 1CT/ 10X10F	3550 K	100	-	10000 lm
41020750	7158XHP 150W G6.35 24V 1CT/ 10X10F	3450 K	100	-	6000 lm
42667350	14623 95W G6.35 17V 1CT/ 10X10F	3050 K	-	-	2150 lm

Order Code	Full Product Name	Correlated Colour Temperature	Colour Rendering Index	Luminous Flux (Nom)	Luminous Flux (Rated)
		(Nom)	(Nom)		
41009250	6605 10W G4 6V 1CT/10X10F	2700 K	100	150 lm	-
41027650	7387 10W G4 6V 1CT/10X10F	3200 K	100	200 lm	-
40986750	7388 20W G4 6V 1CT/10X10F	3350 K	100	460 lm	-
41084950	5761 30W G4 6V 1CT/10X10F	3200 K	100	765 lm	-
42826450	13701 110W G6.35 22.8V 1CT	3250 K	100	-	3200 lm

### Mechanical and Housing

Order Code	Full Product Name	Filament Shape
40981250	7023 100W GY6.35 12V 1CT/10X10F	Flat
40985050	7724 100W GY6.35 12V 1CT/10X10F	Flat
41280550	7724I 100W GY6.35 12V 1CT/10X10F	Flat
40982950	7027 50W G6.35 12V 1CT/10X10F	Flat
40983650	7158 150W G6.35 24V 1CT/10X10F	Flat
40984350	6550 150W G6.35 15V 1CT/10X10F	Flat
40989850	6958 250W G6.35 24V 1CT/10X10F	Flat
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	Flat

Order Code	Full Product Name	Filament Shape
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	Flat
42667350	14623 95W G6.35 17V 1CT/10X10F	Flat
41009250	6605 10W G4 6V 1CT/10X10F	-
41027650	7387 10W G4 6V 1CT/10X10F	-
40986750	7388 20W G4 6V 1CT/10X10F	-
41084950	5761 30W G4 6V 1CT/10X10F	-
42826450	13701 110W G6.35 22.8V 1CT	Round

