



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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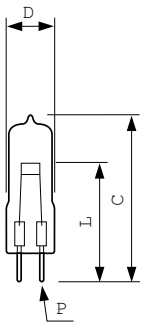
Application

- 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



Dimensional drawing



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
14623 95W	11.5 mm	31.5	32.25	32	1.05	1 mm	0.95	50 mm
G6.35 17V		mm	mm	mm	mm		mm	
1CT/10X10F								
7027 50W	11.5 mm	29.75	30.25	30	1.05	1 mm	0.95	44 mm
G6.35 12V		mm	mm	mm	mm		mm	
1CT/10X10F								
7158 150W	11.5 mm	31.5	32.25	32	1.05	1 mm	0.95	50 mm
G6.35 24V		mm	mm	mm	mm		mm	
1CT/10X10F								
7724 EVA	10.7 mm	29.65	30.25	30	1.30	1.25	1.20	44 mm
100W GY6.35		mm	mm	mm	mm	mm	mm	
12V								
7724I 100W	10.7 mm	29.65	30.25	30	1.30	1.25	1.20	44 mm
GY6.35 12V		mm	mm	mm	mm	mm	mm	
7023 100W	11.5 mm	29.75	30.25	30	1.30	1.25	1.20	44 mm
GY6.35 12V		mm	mm	mm	mm	mm	mm	
1CT/10X10F								

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General information

Main Application	Projection
Operating Position	S90

Mechanical and housing

Bulb Material	Quartz-UV Open
Filament Shape	Flat

Operating and electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Nom)	Order Code	Full Product Name	Voltage (Nom)	Power (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
40985050	7724 100W GY6.35 12V 1CT/10X10F	12 V	100 W	40983650	7158 150W G6.35 24V 1CT/10X10F	24 V	150 W
41280550	7724I 100W GY6.35 12V 1CT/10X10F	12 V	100 W	42667350	14623 95W G6.35 17V 1CT/10X10F	17 V	95 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
40985050	7724 100W GY6.35 12V 1CT/10X10F	EVA	GY6.35	M28	2000 h	7724
41280550	7724I 100W GY6.35 12V 1CT/10X10F	EVA	GY6.35	-	2000 h	7724I
40982950	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	7027
40983650	7158 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	50 h	7158
42667350	14623 95W G6.35 17V 1CT/10X10F	-	G6.35	-	2000 h	14623

Light technical

Order Code	Full Product Name	Correlated Colour	Colour		Order Code	Full Product Name	Correlated Colour	Colour	
		Temperature (Nom)	Rendering Index (Nom)	Luminous Flux (Rated) (Nom)			Temperature (Nom)	Rendering Index (Nom)	Luminous Flux (Rated) (Nom)
40981250	7023 100W GY6.35 12V 1CT/10X10F	3450 K	100	3600 lm	40982950	7027 50W G6.35 12V 1CT/10X10F	-	100	1600 lm
40985050	7724 100W GY6.35 12V 1CT/10X10F	3300 K	100	2800 lm	40983650	7158 150W G6.35 24V 1CT/10X10F	3450 K	100	5200 lm
41280550	7724I 100W GY6.35 12V 1CT/10X10F	3200 K	100	2800 lm	42667350	14623 95W G6.35 17V 1CT/10X10F	-	-	2150 lm

