



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



G5.3



GY6.35



G6.35



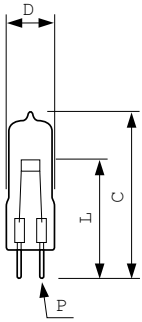
G4



G4

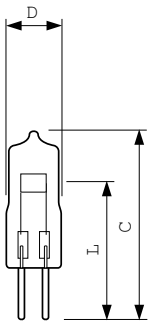
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Dimensional drawing



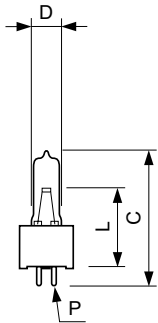
Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
7023 100W	11.5 mm	29.75	30.25	30	1.30	1.25	1.20	44 mm
GY6.35 12V		mm	mm	mm	mm	mm	mm	
1CT/10X10F								
7027 50W	11.5 mm	29.75	30.25	30	1.05	1 mm	0.95	44 mm
G6.35 12V 1CT/10X10F		mm	mm	mm	mm		mm	
7158 150W	11.5 mm	31.5	32.25	32	1.05	1 mm	0.95	50 mm
G6.35 24V 1CT/10X10F		mm	mm	mm	mm		mm	
6550 150W	11.5 mm	29.75	30.25	30	1.05	1 mm	0.95	44 mm
G6.35 15V 1CT/10X10F		mm	mm	mm	mm		mm	
7724 EVA	10.7	29.65	30.25	30	1.30	1.25	1.20	44 mm
100W GY6.35 12V	mm	mm	mm	mm	mm	mm	mm	
7724I 100W	10.7	29.65	30.25	30	1.30	1.25	1.20	44 mm
GY6.35 12V	mm	mm	mm	mm	mm	mm	mm	
7748XHP EHJ-S 250W	12.5 mm	32.75	33.25	33	1.05	1 mm	0.95	55 mm
G6.35 24V		mm	mm	mm	mm		mm	
7158XHP 150W	11.5 mm	31.5	33.25	33	1.05	1 mm	0.95	50 mm
G6.35 24V 1CT/10X10F		mm	mm	mm	mm		mm	
14623 95W	11.5 mm	31.5	32.25	32	1.05	1 mm	0.95	50 mm
G6.35 17V 1CT/10X10F		mm	mm	mm	mm		mm	

Product	D (max)	L (max)	C (max)
6605 10W 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
7388 20W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm
5761 30W G4 6V	9.5 mm	19.75 mm	31 mm



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Dimensional drawing



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
14531 360W	11.5 mm	30.8	32 mm	31.8	1.65 mm	1.50	1.47	57 mm
G5.3 82V 1CT		mm		mm		mm	mm	
6390 30W	8.5 mm	26.75	27.25	27	1.65 mm	1.50	1.47	44 mm
G5.3 10.8V		mm	mm	mm		mm	mm	
1CT/24								

Product	D (max)	L (min)	L (max)	L	C	P (max)	P	P (min)
12345SL 12V	8.5 mm	19.25	19.75	19.5	30	0.75 mm	0.7	0.65
20W G4 PH		mm	mm	mm	mm		mm	mm

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)
822234361803	6390 30W G5.3 10.8V 1CT/24	10.8 V	30 W
924041528894	14531 360W G5.3 82V 1CT	82 V	360 W
923870017103	7023 100W GY6.35 12V 1CT/10X10F	12 V	100 W
923872517103	7724 EVA 100W GY6.35 12V	12 V	100 W
92387517103	7724I 100W GY6.35 12V	12 V	100 W
923870217103	7027 50W G6.35 12V 1CT/10X10F	12 V	50 W
923870520503	7158 150W G6.35 24V 1CT/10X10F	24 V	150 W
923870618503	6550 150W G6.35 15V 1CT/10X10F	15 V	150 W
924006520503	7748XHP EHJ-S 250W G6.35 24V	24 V	250 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	24 V	150 W
924049819103	14623 95W G6.35 17V 1CT/10X10F	17 V	95 W
923873910103	6605 10W G4 6V 1CT/10X10F	6 V	10 W
923874510103	7387 10W G4 6V 1CT/10X10F	6 V	10 W
923874610103	7388 20W G4 6V 1CT/10X10F	6 V	20 W
923931110103	5761 30W G4 6V	6 V	30 W
924068417104	12345SL 12V 20W G4 PH	12 V	20 W

General Information

Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Operating Position	Philips Code
822234361803	6390 30W G5.3 10.8V 1CT/24	DZA	G5.3	-	1000 h	S90	6390
924041528894	14531 360W G5.3 82V 1CT	EYB	G5.3	-	75 h	S90	14531
923870017103	7023 100W GY6.35 12V 1CT/10X10F	FCR	GY6.35	A1/215	50 h	S90	7023

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Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Operating Position	Philips Code
923872517103	7724 EVA 100W GY6.35 12V	EVA	GY6.35	M28	2000 h	S90	7724
923875717103	7724I 100W GY6.35 12V	EVA	GY6.35	-	2000 h	S90	7724I
923870217103	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	S90	7027
923870520503	7158 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	50 h	S90	7158
923870618503	6550 150W G6.35 15V 1CT/10X10F	EVB-BRJ	G6.35	A1/234	50 h	S90	6550
924006520503	7748XHP EHJ-S 250W G6.35 24V	EHJ	G6.35	A1/223	50 h	S90	7748XHP
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	40 h	S90	7158XHP
924049819103	14623 95W G6.35 17V 1CT/10X10F	-	G6.35	-	2000 h	S90	14623
923873910103	6605 10W G4 6V 1CT/10X10F	-	G4	M42	2000 h	UNIVERSAL	6605
923874510103	7387 10W G4 6V 1CT/10X10F	ESA	G4	M29	100 h	S90	7387
923874610103	7388 20W G4 6V 1CT/10X10F	ESB	G4	M30	100 h	UNIVERSAL	7388
923931110103	5761 30W G4 6V	-	G4	-	100 h	UNIVERSAL	5761
924068417104	12345SL 12V 20W G4 PH	-	G4	-	100 h	UNIVERSAL	12345SL

Light Technical

Order Code	Full Product Name	Correlated Color	Color Rendering	Luminous Flux	Luminous Flux (Rated)
		Temperature (Nom)	Index (Nom)	Flux (Nom)	(Nom)
822234361803	6390 30W G5.3 10.8V 1CT/24	3100 K	100	-	570 lm
924041528894	14531 360W G5.3 82V 1CT	3300 K	100	-	10000 lm
923870017103	7023 100W GY6.35 12V 1CT/10X10F	3450 K	100	-	3600 lm
923872517103	7724 EVA 100W GY6.35 12V	3300 K	100	-	2800 lm
923875717103	7724I 100W GY6.35 12V	3200 K	100	-	2800 lm
923870217103	7027 50W G6.35 12V 1CT/10X10F	-	100	-	1600 lm
923870520503	7158 150W G6.35 24V 1CT/10X10F	3450 K	100	-	5200 lm
923870618503	6550 150W G6.35 15V 1CT/10X10F	3450 K	100	-	5600 lm

Order Code	Full Product Name	Correlated Color	Color Rendering	Luminous Flux	Luminous Flux (Rated)
		Temperature (Nom)	Index (Nom)	Flux (Nom)	(Nom)
924006520503	7748XHP EHJ-S 250W G6.35 24V	3550 K	100	-	10000 lm
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	3450 K	100	-	6000 lm
924049819103	14623 95W G6.35 17V 1CT/10X10F	-	-	-	2150 lm
923873910103	6605 10W G4 6V 1CT/10X10F	2700 K	100	150 lm	-
923874510103	7387 10W G4 6V 1CT/10X10F	3200 K	100	200 lm	-
923874610103	7388 20W G4 6V 1CT/10X10F	-	100	460 lm	-
923931110103	5761 30W G4 6V	3200 K	100	765 lm	-
924068417104	12345SL 12V 20W G4 PH	3100 K	100	-	640 lm

Mechanical and Housing

Order Code	Full Product Name	Filament Shape
822234361803	6390 30W G5.3 10.8V 1CT/24	Flat
924041528894	14531 360W G5.3 82V 1CT	Flat
923870017103	7023 100W GY6.35 12V 1CT/10X10F	Flat
923872517103	7724 EVA 100W GY6.35 12V	Flat
923875717103	7724I 100W GY6.35 12V	Flat

Order Code	Full Product Name	Filament Shape
923870217103	7027 50W G6.35 12V 1CT/10X10F	Flat
923870520503	7158 150W G6.35 24V 1CT/10X10F	Flat
923870618503	6550 150W G6.35 15V 1CT/10X10F	Flat
924006520503	7748XHP EHJ-S 250W G6.35 24V	Flat
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	Flat

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Order Code	Full Product Name	Filament Shape
924049819103	14623 95W G6.35 17V 1CT/10X10F	Flat
923873910103	6605 10W G4 6V 1CT/10X10F	-
923874510103	7387 10W G4 6V 1CT/10X10F	-

Order Code	Full Product Name	Filament Shape
923874610103	7388 20W G4 6V 1CT/10X10F	-
923931110103	5761 30W G4 6V	-
924068417104	12345SL 12V 20W G4 PH	-

