PHILIPS

Halogen non-reflector

XHMPP



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

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

Applications

- Studio, film, theatre and disco lighting
- Slide, overhead, profile and 8/16 mm film projectors

Data subject to change

- Microscopes
- Optical equipment
- Slide and film viewers
- Surgery lamps
- Microfilm readers
- Dental lamps
- Spectrography

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

Versions



XPPR_XHMPSEFF_0001-Product photo



XPPR_XHMPSEFF_0002-Product photo

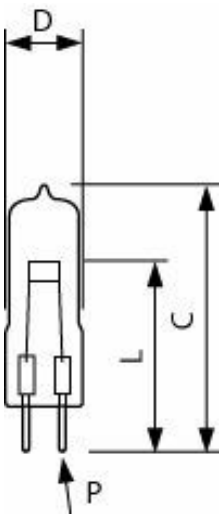


XPPR XHMPSEFF 0003

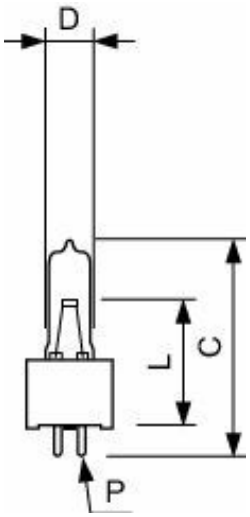


XPPR_XHMPSESF_0001-Product photo

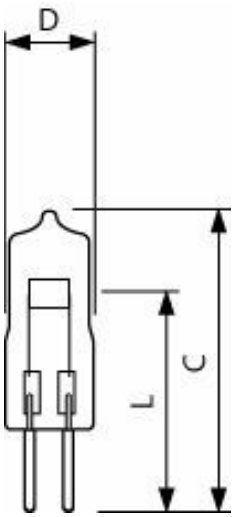
Dimensional drawing



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
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
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
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
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
7724 EVA 100W GY6.35 12V	10.7 mm	29.65 mm	30.25 mm	30 mm	1.30 mm	1.25 mm	1.20 mm	44 mm
7724I 100W GY6.35 12V	10.7 mm	29.65 mm	30.25 mm	30 mm	1.30 mm	1.25 mm	1.20 mm	44 mm
7748XHP EHJ-S 250W G6.35 24V	12.5 mm	32.75 mm	33.25 mm	33 mm	1.05 mm	1 mm	0.95 mm	55 mm



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
14531 360W G5.3 82V 1CT	11.5 mm	30.8 mm	32 mm	31.8 mm	1.65 mm	1.50 mm	1.47 mm	57 mm



Product	D (max)	L (max)	C (max)
5761 30W G4 6V	9.5 mm	19.75 mm	31 mm
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

Mechanical and Housing

Bulb Material	Quartz-UV Open

General Information

Order Code	Full Product Name	Cap-Base	Operating Position
924041528894	14531 360W G5.3 82V 1CT	G5.3	S90
923870217103	7027 50W G6.35 12V 1CT/10X10F	G6.35	S90
923870520503	7158 150W G6.35 24V 1CT/10X10F	G6.35	S90
924006520503	7748XHP EHJ-S 250W G6.35 24V	G6.35	S90
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	G6.35	S90
924049819103	14623 95W G6.35 17V 1CT/10X10F	G6.35	S90
923870017103	7023 100W GY6.35 12V 1CT/10X10F	GY6.35	S90
923872517103	7724 EVA 100W GY6.35 12V	GY6.35	S90
923875717103	7724I 100W GY6.35 12V	GY6.35	S90

Order Code	Full Product Name	Cap-Base	Operating Position
923873910103	6605 10W G4 6V 1CT/10X10F	G4	UNIVERSAL
923874510103	7387 10W G4 6V 1CT/10X10F	G4	S90
923874610103	7388 20W G4 6V 1CT/10X10F	G4	UNIVERSAL
923931110103	5761 30W G4 6V	G4	UNIVERSAL

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Color rendering index (CRI)
924041528894	14531 360W G5.3 82V 1CT	-	3300 K	100
923870217103	7027 50W G6.35 12V 1CT/10X10F	-	-	100
923870520503	7158 150W G6.35 24V 1CT/10X10F	-	3450 K	100
924006520503	7748XHP EHJ-S 250W G6.35 24V	-	3550 K	100
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	-	3450 K	100
924049819103	14623 95W G6.35 17V 1CT/10X10F	-	-	-
923870017103	7023 100W GY6.35 12V 1CT/10X10F	-	3450 K	100
923872517103	7724 EVA 100W GY6.35 12V	-	3300 K	100
923875717103	7724I 100W GY6.35 12V	-	3100 K	100
923873910103	6605 10W G4 6V 1CT/10X10F	150 lm	2700 K	100
923874510103	7387 10W G4 6V 1CT/10X10F	200 lm	3200 K	100
923874610103	7388 20W G4 6V 1CT/10X10F	460 lm	-	100
923931110103	5761 30W G4 6V	765 lm	3200 K	100

Operating and Electrical

Order Code	Full Product Name	Power Consumption
924041528894	14531 360W G5.3 82V 1CT	360 W
923870217103	7027 50W G6.35 12V 1CT/10X10F	50 W
923870520503	7158 150W G6.35 24V 1CT/10X10F	150 W
924006520503	7748XHP EHJ-S 250W G6.35 24V	250 W
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	150 W
924049819103	14623 95W G6.35 17V 1CT/10X10F	95 W
923870017103	7023 100W GY6.35 12V 1CT/10X10F	100 W
923872517103	7724 EVA 100W GY6.35 12V	100 W
923875717103	7724I 100W GY6.35 12V	100 W
923873910103	6605 10W G4 6V 1CT/10X10F	10 W
923874510103	7387 10W G4 6V 1CT/10X10F	10 W
923874610103	7388 20W G4 6V 1CT/10X10F	20 W
923931110103	5761 30W G4 6V	30 W

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