



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



GY6.35



G6.35

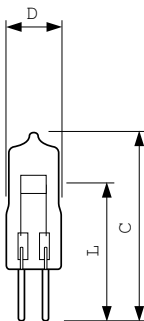
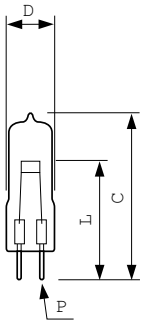


G4



G5.3

Dimensional drawing

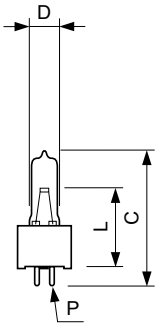


Product
7724 100W GY6.35 12V 1CT/10X10F
7158 150W G6.35 24V 1CT/10X10F
7027 50W G6.35 12V 1CT/10X10F
14623 95W G6.35 17V 1CT/10X10F
7023 100W GY6.35 12V 1CT/10X10F

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

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Dimensional drawing



Product

14531 360W G5.3 82V 1CT

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)
261016	FCR 100W 12V 100PK	12 V	100 W
256768	EVA 100W 12V 100PK	12 V	100 W
316273	BRL 7027 50W 12V 100PK	12 V	50 W
206078	FCS 24V 100PK	24 V	150 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
158816	14623 17V 95W 100PK	17 V	95 W
256784	ESB 7388 20W 6V 100PK	6 V	20 W
257139	5761 30W 6V 100PK	6 V	30 W
232579	EYB 82V 360W 24PK	82 V	360 W

General Information

Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Operating Position	Philips Code
261016	FCR 100W 12V 100PK	FCR	GY6.35	A1/215	50 h	Base Down +/- 90 D	7023
256768	EVA 100W 12V 100PK	EVA	GY6.35	M28	2000 h	Base Down +/- 90 D	7724
316273	BRL 7027 50W 12V 100PK	BRL-BCD	G6.35	A1/220	50 h	Base Down +/- 90 D	7027
206078	FCS 24V 100PK	FCS	G6.35	A1/216	50 h	Base Down +/- 90 D	7158
158816	14623 17V 95W 100PK	-	G6.35	-	2000 h	Base Down +/- 90 D	14623
256784	ESB 7388 20W 6V 100PK	ESB	G4	M30	100 h	Universal	7388
257139	5761 30W 6V 100PK	-	G4	-	100 h	Universal	5761
232579	EYB 82V 360W 24PK	EYB	G5.3	-	75 h	Base Down +/- 90 D	14531

Light Technical

Order Code	Full Product Name	Correlated			
		Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
261016	FCR 100W 12V 100PK	3450 K	100	-	3600 lm
256768	EVA 100W 12V 100PK	3300 K	100	-	2800 lm
316273	BRL 7027 50W 12V 100PK	-	100	-	1600 lm

Order Code	Full Product Name	Correlated			
		Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
206078	FCS 24V 100PK	3450 K	100	-	5200 lm
158816	14623 17V 95W 100PK	-	-	-	2150 lm
256784	ESB 7388 20W 6V 100PK	-	100	460 lm	-

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Order Code	Full Product Name	Correlated			
		Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated)
257139	5761 30W 6V 100PK	3200 K	100	765 lm	-

Order Code	Full Product Name	Correlated			
		Color Temperature (Nom)	Color Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated)
232579	EYB 82V 360W 24PK	3300 K	100	-	10000 lm

Mechanical and Housing

Order Code	Full Product Name	Filament Shape
261016	FCR 100W 12V 100PK	Flat
256768	EVA 100W 12V 100PK	Flat
316273	BRL 7027 50W 12V 100PK	Flat
206078	FCS 24V 100PK	Flat

Order Code	Full Product Name	Filament Shape
158816	14623 17V 95W 100PK	Flat
256784	ESB 7388 20W 6V 100PK	-
257139	5761 30W 6V 100PK	-
232579	EYB 82V 360W 24PK	Flat

