



Halogen reflector lamps – proven reliability

Halogen reflector

Philips' halogen reflector lamps offer the ideal no-fuss solution for a wide variety of medical, projection and scientific illumination systems. Their proven reliability makes them ideal for retrofit installations. The burners are precisely aligned for optimal light performance. Dichroic reflectors ensure heat dissipation towards the back of the optical system, which helps the optical system remain within temperature limits. A special blue-filter version blocking out unwanted light above 700 nm is available for dental curing applications. In addition, you get all the proven advantages of halogen technology such as a CRI of 100 – the same as natural sunlight for the best possible color rendering. Halogen lamps also create a comfortable warm white light, and they maintain their high lumen output with almost no lumen reduction throughout their lifetime.

Benefits

- Optimal light performance
- Remains within temperature limits
- No re-alignment necessary when lamp is replaced

Features

- Excellent distortion-free quartz bulb
- Dichroic coating ensures dissipation of approximately 75% of the generated heat backwards

Halogen reflector

Application

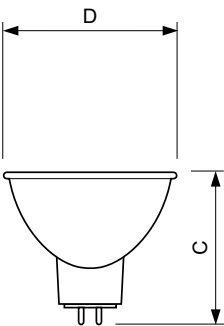
- Medical endoscopy
- Industrial endoscopy
- Fiber optic illumination
- Dental curing
- Projection systems
- Microfiche
- Spectrography

Versions



XPPR XHOPDI 0002

Dimensional drawing



Product	D (max)	C (max)
13163 250W GX5.3 24V 1CT/10X5F	50 mm	44.5 mm
6423 150W GZ6.35 15V 1CT/10X5F	50 mm	42 mm
6423FO 150W GZ6.35 15V 1CT/10X5F	50 mm	42 mm
6834 100W GZ6.35 12V	50 mm	42 mm
6834FO 100W GZ6.35 12V 1CT/10X5F	50 mm	42 mm

Light Technical	
Color rendering index (CRI)	100
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Material	Quartz-UV Open
Bulb Shape	R50

General Information

Halogen reflector

Order Code	Full Product Name	Cap-Base	Operating Position
40975160	13163 250W GX5.3 24V 1CT/10X5F	GX5.3	UNIVERSAL
42731160	6834 100W GZ6.35 12V 1CT/10X5F	GZ6.35	P90/P15
42733560	6423 150W GZ6.35 15V 1CT/10X5F	GZ6.35	P90/P15

Order Code	Full Product Name	Cap-Base	Operating Position
40971360	6423FO 150W GZ6.35 15V 1CT	GZ6.35	P90/P15
40973760	6834FO 100W GZ6.35 12V 1CT/10X5F	GZ6.35	P90/P15

Light Technical

Order Code	Full Product Name	Correlated Color	
		Temperature (Nom)	Luminous Flux
40975160	13163 250W GX5.3 24V 1CT/10X5F	-	-
42731160	6834 100W GZ6.35 12V 1CT/ 10X5F	3330 K	-
42733560	6423 150W GZ6.35 15V 1CT/10X5F	3380 K	-

Order Code	Full Product Name	Correlated Color	
		Temperature (Nom)	Luminous Flux
40971360	6423FO 150W GZ6.35 15V 1CT	3380 K	840 lm
40973760	6834FO 100W GZ6.35 12V 1CT/ 10X5F	3330 K	-

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
40975160	13163 250W GX5.3 24V 1CT/10X5F	24 V	250 W
42731160	6834 100W GZ6.35 12V 1CT/10X5F	12 V	100 W
42733560	6423 150W GZ6.35 15V 1CT/10X5F	15 V	150 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
40971360	6423FO 150W GZ6.35 15V 1CT	15 V	150 W
40973760	6834FO 100W GZ6.35 12V 1CT/10X5F	12 V	100 W

