



Product Description

Halogen reflector

Quartz halogen lamps with integral reflector which serves as an efficient mirror condenser system

Benefits

- Negligible depreciation in light output during lifetime
- High efficacy gives low energy consumption

Features

- Dichroic coating on glass reflector radiates about 75% of the generated heat backwards, keeping temperatures within safe limits
- Halogen burner is precisely aligned using an optical system, so no realignment is needed when the lamp is replaced

Application

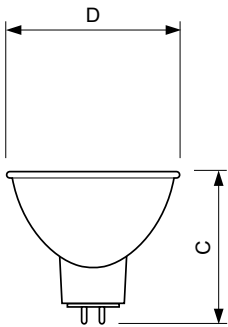
- 8/16 mm film projection
- Slide projection
- Enlargers
- Minilabs/colour printers
- Overhead projection
- Medical equipment
- Solar simulation
- Measuring equipment
- Fibre optical applications

Halogen reflector

Versions



Dimensional drawing



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

Controls and dimming

Dimmable	Yes
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General information

Life To 50% Failures (Nom)	50 h
Main Application	Projection

Light technical

Colour Rendering Index (Nom)	100
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Mechanical and housing

Bulb Material	Quartz-UV Open
Bulb Shape	R50

Operating and electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Nom)
40975160	13163 250W GX5.3 24V 1CT/10X5F	24 V	250 W
40971360	6423FO 150W GZ6.35 15V 1CT	15 V	150 W

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

General information

Order Code	Full Product Name	Ansi Code	Cap-Base	J Code	LIF Code	Operating Position	Philips Code
40975160	13163 250W GX5.3 24V 1CT/10X5F	ELC	GX5.3	-	A1/259	UNIVERSAL	13163

Halogen reflector

Order Code	Full Product Name	Ansi Code	Cap-Base	J Code	LIF Code	Operating Position	Philips Code
40971360	6423FO 150W GZ6.35 15V 1CT	EFR	GZ6.35	-	A1/232	P90/P15	6423FO
40973760	6834FO 100W GZ6.35 12V 1CT/10X5F	EFP	GZ6.35	-	A1/231	P90/P15	6834FO

Light technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Flux (Nom)
40975160	13163 250W GX5.3 24V 1CT/10X5F	-	-
40971360	6423FO 150W GZ6.35 15V 1CT	3380 K	840 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Flux (Nom)
40973760	6834FO 100W GZ6.35 12V 1CT/10X5F	3330 K	-

Mechanical and housing

Order Code	Full Product Name	Filament Shape
40975160	13163 250W GX5.3 24V 1CT/10X5F	-
40971360	6423FO 150W GZ6.35 15V 1CT	-

Order Code	Full Product Name	Filament Shape
40973760	6834FO 100W GZ6.35 12V 1CT/10X5F	-

