



Product Description

Halogen non-reflector

Low-voltage quartz halogen capsule lamps

Benefits

- Small size permits the use of compact, efficient optical systems
- Constant, high light output during lifetime

Features

- The smallest quartz halogen lamps available
- Distortion-free quartz bulb and precisely defined filament position for optimal beam performance
- Square-filament lamp 5761 is specially designed for microscopes with computer read-out

Application

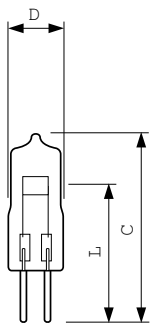
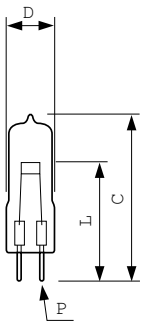
- Microscopes
- Optical equipment
- Slide and film viewers
- Medical equipment
- Industrial applications

Halogen non-reflector

Versions



Dimensional drawing



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
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
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
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
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

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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General Information

Main Application Projection

Light Technical

Colour Rendering Index (Nom) 100

Mechanical and Housing

Bulb Material Quartz-UV Open

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
40981250	7023 100W GY6.35 12V 1CT/10X10F	12 V	100 W
40982950	7027 50W G6.35 12V 1CT/10X10F	12 V	50 W
40983650	7158 150W G6.35 24V 1CT/10X10F	24 V	150 W
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	24 V	250 W
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	24 V	150 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
41009250	6605 10W G4 6V 1CT/10X10F	6 V	10 W
41027650	7387 10W G4 6V 1CT/10X10F	6 V	10 W
40986750	7388 20W G4 6V 1CT/10X10F	6 V	20 W
41084950	5761 30W G4 6V 1CT/10X10F	6 V	30 W

General Information

Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Operating Position	Philips Code
40981250	7023 100W GY6.35 12V 1CT/10X10F	FCR	GY6.35	A1/215	50 h	S90	7023
40982950	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	S90	7027
40983650	7158 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	50 h	S90	7158
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	EHJ	G6.35	A1/223	50 h	S90	7748XHP
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	40 h	S90	7158XHP
41009250	6605 10W G4 6V 1CT/10X10F	-	G4	M42	2000 h	UNIVERSAL	6605
41027650	7387 10W G4 6V 1CT/10X10F	ESA	G4	M29	100 h	S90	7387
40986750	7388 20W G4 6V 1CT/10X10F	ESB	G4	M30	100 h	UNIVERSAL	7388
41084950	5761 30W G4 6V 1CT/10X10F	-	G4	-	100 h	UNIVERSAL	5761

Light Technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
40981250	7023 100W GY6.35 12V 1CT/10X10F	3450 K	-	3600 lm
40982950	7027 50W G6.35 12V 1CT/10X10F	-	-	1600 lm
40983650	7158 150W G6.35 24V 1CT/10X10F	3450 K	-	5200 lm
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	3550 K	-	10000 lm
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	3450 K	-	6000 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
41009250	6605 10W G4 6V 1CT/ 10X10F	2700 K	150 lm	-
41027650	7387 10W G4 6V 1CT/ 10X10F	3200 K	200 lm	-
40986750	7388 20W G4 6V 1CT/ 10X10F	-	460 lm	-
41084950	5761 30W G4 6V 1CT/ 10X10F	3200 K	765 lm	-

Mechanical and Housing

Order Code	Full Product Name	Filament Shape
40981250	7023 100W GY6.35 12V 1CT/10X10F	Flat

Order Code	Full Product Name	Filament Shape
40982950	7027 50W G6.35 12V 1CT/10X10F	Flat

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Order Code	Full Product Name	Filament Shape
40983650	7158 150W G6.35 24V 1CT/10X10F	Flat
41029050	7748XHP 250W G6.35 24V 1CT/10X10F	Flat
41020750	7158XHP 150W G6.35 24V 1CT/10X10F	Flat
41009250	6605 10W G4 6V 1CT/10X10F	-

Order Code	Full Product Name	Filament Shape
41027650	7387 10W G4 6V 1CT/10X10F	-
40986750	7388 20W G4 6V 1CT/10X10F	-
41084950	5761 30W G4 6V 1CT/10X10F	-

