



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

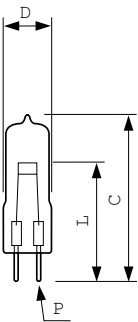
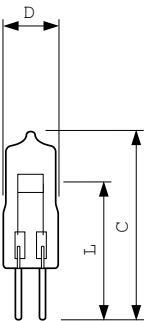
- Microscopes
- Optical equipment
- Slide and film viewers
- Medical equipment
- Industrial applications

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Versions



Dimensional drawing



Product	D (max)	L (max)	C (max)
7387 10W G4 6V 1CT/10X10F	9.5 mm	19.75 mm	31 mm
6605 10W 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

Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
7027 50W	11.5 mm	29.75	30.25	30	1.05	1 mm	0.95	44 mm
G6.35 12V 1CT/10X10F		mm	mm	mm	mm		mm	
7748XHP	12.5 mm	32.75	33.25	33	1.05	1 mm	0.95	55 mm
250W G6.35		mm	mm	mm	mm		mm	
24V 1CT/10X10F								
6550 150W	11.5 mm	29.75	30.25	30	1.05	1 mm	0.95	44 mm
G6.35 15V 1CT/10X10F		mm	mm	mm	mm		mm	
7158 150W	11.5 mm	31.5	32.25	32	1.05	1 mm	0.95	50 mm
G6.35 24V 1CT/10X10F		mm	mm	mm	mm		mm	

General Information	
Main Application	Projection
Light Technical	
Colour Rendering Index (Nom)	100
Mechanical and Housing	
Bulb Material	Quartz-UV Open

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Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated)	
			(Nom)	
923870217103	7027 50W G6.35 12V 1CT/10X10F	12 V	50 W	
923870520503	7158 150W G6.35 24V 1CT/10X10F	24 V	150 W	
923870618503	6550 150W G6.35 15V 1CT/10X10F	15 V	150 W	
924006520503	7748XHP 250W G6.35 24V 1CT/10X10F	24 V	250 W	

Order Code	Full Product Name	Voltage (Nom)	Power (Rated)	
			(Nom)	
923873910103	6605 10W G4 6V 1CT/10X10F	6 V	10 W	
923874510103	7387 10W G4 6V 1CT/10X10F	6 V	10 W	
923931110103	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
923870217103	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	S90	7027
923870520503	7158 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	50 h	S90	7158
923870618503	6550 150W G6.35 15V 1CT/10X10F	EVB-BRJ	G6.35	A1/234	50 h	S90	6550
924006520503	7748XHP 250W G6.35 24V 1CT/10X10F	EHJ	G6.35	A1/223	50 h	S90	7748XHP
923873910103	6605 10W G4 6V 1CT/10X10F	-	G4	M42	2000 h	UNIVERSAL	6605
923874510103	7387 10W G4 6V 1CT/10X10F	ESA	G4	M29	100 h	S90	7387
923931110103	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)
923870217103	7027 50W G6.35 12V 1CT/10X10F	3350 K	-	1600 lm
923870520503	7158 150W G6.35 24V 1CT/10X10F	3450 K	-	5200 lm
923870618503	6550 150W G6.35 15V 1CT/10X10F	3450 K	-	5600 lm
924006520503	7748XHP 250W G6.35 24V 1CT/10X10F	3550 K	-	10000 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
923873910103	6605 10W G4 6V 1CT/10X10F	2700 K	150 lm	-
923874510103	7387 10W G4 6V 1CT/10X10F	3200 K	200 lm	-
923931110103	5761 30W G4 6V 1CT/10X10F	3200 K	765 lm	-

Mechanical and Housing

Order Code	Full Product Name	Filament Shape
923870217103	7027 50W G6.35 12V 1CT/10X10F	Flat
923870520503	7158 150W G6.35 24V 1CT/10X10F	Flat
923870618503	6550 150W G6.35 15V 1CT/10X10F	Flat
924006520503	7748XHP 250W G6.35 24V 1CT/10X10F	Flat

Order Code	Full Product Name	Filament Shape
923873910103	6605 10W G4 6V 1CT/10X10F	-
923874510103	7387 10W G4 6V 1CT/10X10F	-
923931110103	5761 30W G4 6V 1CT/10X10F	-

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