



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

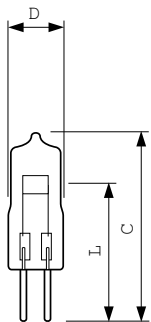
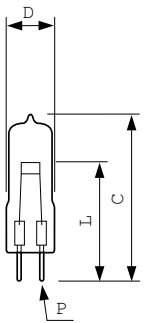
- Microscopes
- Optical equipment
- Slide and film viewers
- Medical equipment
- Industrial applications

Halogen non-reflector

Versions



Dimensional drawing

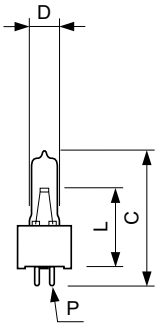


Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
7158XHP 150W G6.35 24V 1CT/ 10X10F	11.5 mm	31.5 mm	33.25 mm	33 mm	1.05 mm	1 mm	0.95 mm	50 mm
7748XHP EHJ-S 250W G6.35 24V	12.5 mm	32.75 mm	33.25 mm	33 mm	1.05 mm	1 mm	0.95 mm	55 mm
7027 50W G6.35 12V 1CT/10X10F	11.5 mm	29.75 mm	30.25 mm	30 mm	1.05 mm	1 mm	0.95 mm	44 mm
7724 EVA 100W GY6.35 12V	10.7 mm	29.65 mm	30.25 mm	30 mm	1.30 mm	1.25 mm	1.20 mm	44 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
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

Halogen non-reflector

Dimensional drawing



Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)	C (max)
6390 30W	8.5 mm	26.75	27.25	27	1.65 mm	1.50	1.47 mm	44 mm
G5.3 10.8V		mm	mm	mm		mm		
1CT/24								

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)
822234361803	6390 30W G5.3 10.8V 1CT/24	10.8 V	30 W
923870017103	7023 100W GY6.35 12V 1CT/10X10F	12 V	100 W
923872517103	7724 EVA 100W GY6.35 12V	12 V	100 W
923870217103	7027 50W G6.35 12V 1CT/10X10F	12 V	50 W
924006520503	7748XHP EHJ-S 250W G6.35 24V	24 V	250 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	24 V	150 W
923873910103	6605 10W G4 6V 1CT/10X10F	6 V	10 W
923874610103	7388 20W G4 6V 1CT/10X10F	6 V	20 W
923931110103	5761 30W G4 6V	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
822234361803	6390 30W G5.3 10.8V 1CT/24	DZA	G5.3	-	1000 h	S90	6390
923870017103	7023 100W GY6.35 12V 1CT/10X10F	FCR	GY6.35	A1/215	50 h	S90	7023
923872517103	7724 EVA 100W GY6.35 12V	EVA	GY6.35	M28	2000 h	S90	7724
923870217103	7027 50W G6.35 12V 1CT/10X10F	BRL-BCD	G6.35	A1/220	50 h	S90	7027
924006520503	7748XHP EHJ-S 250W G6.35 24V	EHJ	G6.35	A1/223	50 h	S90	7748XHP
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	FCS	G6.35	A1/216	40 h	S90	7158XHP
923873910103	6605 10W G4 6V 1CT/10X10F	-	G4	M42	2000 h	UNIVERSAL	6605
923874610103	7388 20W G4 6V 1CT/10X10F	ESB	G4	M30	100 h	UNIVERSAL	7388
923931110103	5761 30W G4 6V	-	G4	-	100 h	UNIVERSAL	5761

Light Technical

Halogen non-reflector

Order Code	Full Product Name	Correlated		
		Colour Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
822234361803	6390 30W G5.3 10.8V 1CT/24	3100 K	-	570 lm
923870017103	7023 100W GY6.35 12V 1CT/10X10F	3450 K	-	3600 lm
923872517103	7724 EVA 100W GY6.35 12V	3300 K	-	2800 lm
923870217103	7027 50W G6.35 12V 1CT/10X10F	-	-	1600 lm
924006520503	7748XHP EHJ-S 250W G6.35 24V	3550 K	-	10000 lm

Order Code	Full Product Name	Correlated		
		Colour Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	3450 K	-	6000 lm
923873910103	6605 10W G4 6V 1CT/10X10F	2700 K	150 lm	-
923874610103	7388 20W G4 6V 1CT/10X10F	-	460 lm	-
923931110103	5761 30W G4 6V	3200 K	765 lm	-

Mechanical and Housing

Order Code	Full Product Name	Filament Shape
822234361803	6390 30W G5.3 10.8V 1CT/24	Flat
923870017103	7023 100W GY6.35 12V 1CT/10X10F	Flat
923872517103	7724 EVA 100W GY6.35 12V	Flat
923870217103	7027 50W G6.35 12V 1CT/10X10F	Flat
924006520503	7748XHP EHJ-S 250W G6.35 24V	Flat

Order Code	Full Product Name	Filament Shape
924031720503	7158XHP 150W G6.35 24V 1CT/10X10F	Flat
923873910103	6605 10W G4 6V 1CT/10X10F	-
923874610103	7388 20W G4 6V 1CT/10X10F	-
923931110103	5761 30W G4 6V	-

