



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

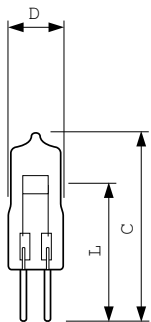
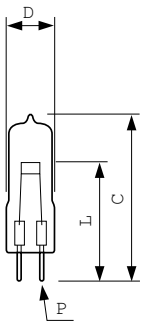
- Microscopes
- Optical equipment
- Slide and film viewers
- Medical equipment
- Industrial applications

Halogen non-reflector

Versions



Dimensional drawing

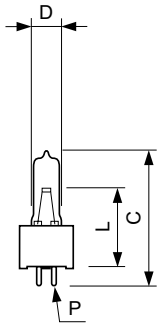


| Product | D (max) | L (min) | L (max) | L | P (max) | P | P (min) | C (max) |
|---|------------|-------------|-------------|----------|------------|------------|------------|---------|
| 7158XHP 150W G6.35 24V 1CT/ 10X10F | 11.5 mm | 31.5 mm | 33.25 mm | 33 mm | 1.05 mm | 1 mm | 0.95 mm | 50 mm |
| 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 |

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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 | - |

