



# Halogen reflector lamps – proven reliability

## Halogen reflector

Philips' halogen reflector lamps offer the ideal no-fuss solution for a wide variety of medical, projection and scientific illumination systems. Their proven reliability makes them ideal for retrofit installations. The burners are precisely aligned for optimal light performance. Dichroic reflectors ensure heat dissipation towards the back of the optical system, which helps the optical system remain within temperature limits. A special blue-filter version blocking out unwanted light above 700 nm is available for dental curing applications. In addition, you get all the proven advantages of halogen technology such as a CRI of 100 – the same as natural sunlight for the best possible color rendering. Halogen lamps also create a comfortable warm white light, and they maintain their high lumen output with almost no lumen reduction throughout their lifetime.

### Benefits

- Optimal light performance
- Remains within temperature limits
- No re-alignment necessary when lamp is replaced

### Features

- Excellent distortion-free quartz bulb
- Dichroic coating ensures dissipation of approximately 75% of the generated heat backwards

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## Application

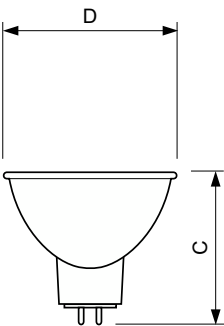
- Medical endoscopy
- Industrial endoscopy
- Fiber optic illumination
- Dental curing
- Projection systems
- Microfiche
- Spectrography

## Versions



XPPR XHOPDI 0002

## Dimensional drawing



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

| Light Technical             |                |
|-----------------------------|----------------|
| Color rendering index (CRI) | 100            |
| Controls and Dimming        |                |
| Dimmable                    | Yes            |
| Mechanical and Housing      |                |
| Bulb Material               | Quartz-UV Open |
| Bulb Shape                  | R50            |

## General Information

## Halogen reflector

| Order Code   | Full Product Name              | Cap-Base | Operating Position |
|--------------|--------------------------------|----------|--------------------|
| 923919720501 | 13163 250W GX5.3 24V 1CT/10X5F | GX5.3    | UNIVERSAL          |
| 923916717104 | 6834 100W GZ6.35 12V           | GZ6.35   | P90/P15            |
| 923916818504 | 6423 150W GZ6.35 15V 1CT/10X5F | GZ6.35   | P90/P15            |

| Order Code   | Full Product Name                | Cap-Base | Operating Position |
|--------------|----------------------------------|----------|--------------------|
| 924048218504 | 6423FO 150W GZ6.35 15V 1CT/10X5F | GZ6.35   | P90/P15            |
| 924048417104 | 6834FO 100W GZ6.35 12V 1CT/10X5F | GZ6.35   | P90/P15            |

### Light Technical

| Order Code   | Full Product Name              | Correlated Color  |               |
|--------------|--------------------------------|-------------------|---------------|
|              |                                | Temperature (Nom) | Luminous Flux |
| 923919720501 | 13163 250W GX5.3 24V 1CT/10X5F | -                 | -             |
| 923916717104 | 6834 100W GZ6.35 12V           | 3330 K            | -             |
| 923916818504 | 6423 150W GZ6.35 15V 1CT/10X5F | 3380 K            | -             |

| Order Code   | Full Product Name                | Correlated Color  |               |
|--------------|----------------------------------|-------------------|---------------|
|              |                                  | Temperature (Nom) | Luminous Flux |
| 924048218504 | 6423FO 150W GZ6.35 15V 1CT/10X5F | 3380 K            | 840 lm        |
| 924048417104 | 6834FO 100W GZ6.35 12V 1CT/10X5F | 3330 K            | -             |

### Operating and Electrical

| Order Code   | Full Product Name              | Power Consumption |
|--------------|--------------------------------|-------------------|
| 923919720501 | 13163 250W GX5.3 24V 1CT/10X5F | 250 W             |
| 923916717104 | 6834 100W GZ6.35 12V           | 100 W             |
| 923916818504 | 6423 150W GZ6.35 15V 1CT/10X5F | 150 W             |

| Order Code   | Full Product Name                | Power Consumption |
|--------------|----------------------------------|-------------------|
| 924048218504 | 6423FO 150W GZ6.35 15V 1CT/10X5F | 150 W             |
| 924048417104 | 6834FO 100W GZ6.35 12V 1CT/10X5F | 100 W             |

