



# Halogen reflector

## EFP 6834 12V 100W

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.

### Product data

| General Information                |                  |
|------------------------------------|------------------|
| Cap-Base                           | GZ6.35 [ GZ6.35] |
| Philips Code                       | 6834FO           |
| ANSI Code                          | EFP              |
| LIF Code                           | A1/231           |
| Operating Position                 | P90/P15          |
| Main Application                   | Projection       |
| Life to 50% Failures (Nom)         | 50 h             |
| J Code                             | -                |
| Light Technical                    |                  |
| Correlated Color Temperature (Nom) | 3330 K           |
| Color Rendering Index (Nom)        | 100              |
| Operating and Electrical           |                  |
| Power (Rated) (Nom)                | 100 W            |

| Voltage (Nom)                 | 12 V           |
|-------------------------------|----------------|
| Controls and Dimming          |                |
| Dimmable                      | Yes            |
| Mechanical and Housing        |                |
| Cap-Base Information          | na [ -]        |
| Bulb Material                 | Quartz-UV Open |
| Reflector Finish              | -              |
| Filament Shape                | -              |
| Filament Dimensions WxH       | -              |
| Luminaire Design Requirements |                |
| Bulb Temperature (Max)        | 900 °C         |
| Pinch Temperature (Max)       | 400 °C         |
| Working Distance WD           | 32 mm          |

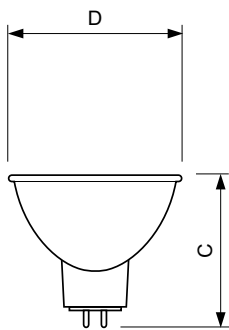
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### Product Data

|                               |                                  |
|-------------------------------|----------------------------------|
| Order product name            | 6834FO 100W GZ6.35 12V 1CT/10X5F |
| EAN/UPC - Product             | 8711500409737                    |
| Order code                    | 314880                           |
| Numerator - Quantity Per Pack | 1                                |

|                                 |              |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 50           |
| Material Nr. (12NC)             | 924048417104 |
| Net Weight (Piece)              | 0.023 kg     |

### Dimensional drawing



6834FO 100W GZ6.35 12V

| Product                          | D (max) | C (max) |
|----------------------------------|---------|---------|
| 6834FO 100W GZ6.35 12V 1CT/10X5F | 50 mm   | 42 mm   |

