



# Halogen Low Voltage – long life, low costs

## Halogen Low Voltage

The long lifetime of most of the Halogen Low Voltage lamps is further extended by the unique P3 technology developed by Philips. This allows the lamp to be used at higher temperatures, thereby extending the lamp's lifetime, reducing early failures, and resulting in fewer maintenance man hour costs. P3 also ensures consistency of high-quality light output, and allows the lamp to be used in any burning position, which enables more compact fixture designs. In addition, the compact filament produces a clean white light and high beam intensity for true natural colors on stage and without any hotspots.

### Benefits

- Lower lamp replacement costs
- High beam intensity
- Pure colors on stage
- Allows creative use without hotspots or shadows

### Features

- Lifetime up to 1000 hours due to Philips Pinch Protection
- Compact filament
- White light
- Even light distribution

### Application

- These lamps are especially suitable for disco, moving beam, luminaires

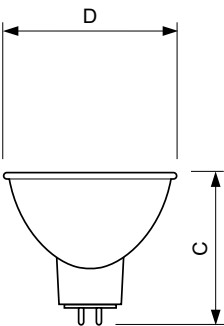
# Halogen Low Voltage

## Versions



GX5.3 smooth

## Dimensional drawing



| Product                            | D (max) | C (max)  |
|------------------------------------|---------|----------|
| 13164 200W GX5.3 24V 1CT/24        | 2 in    | 1-3/4 in |
| 13163 ELC/5H 250W GX5.3 24V 1CT/24 | 2 in    | 1-3/4 in |
| ELC/10H 250W GX5.3 24V 1CT/24      | 2 in    | 1-3/4 in |

| Controls and dimming        |                |
|-----------------------------|----------------|
| Dimmable                    | Yes            |
| Operating and electrical    |                |
| Voltage (Nom)               | 24 V           |
| General information         |                |
| Cap-Base                    | GX5.3          |
| Light technical             |                |
| Color Rendering Index (Nom) | 100            |
| Mechanical and housing      |                |
| Bulb Material               | Quartz-UV Open |

## Operating and electrical

| Order Code | Full Product Name   | Power (Nom) |
|------------|---------------------|-------------|
| 315085     | EJL 200W 24V 24PK   | 200 W       |
| 381665     | ELC-5 24V 250W 24PK | 250 W       |

| Order Code | Full Product Name       | Power (Nom) |
|------------|-------------------------|-------------|
| 136580     | ELC/10H 6 250W 24V 24PK | 250 W       |

## General information

# Halogen Low Voltage

| Order Code | Full Product Name       | Ansi Code | LIF Code   | Life To 50% Failures (Nom) | Main Application | Operating Position | Philips Code |
|------------|-------------------------|-----------|------------|----------------------------|------------------|--------------------|--------------|
| 315085     | EJL 200W 24V 24PK       | EJL       | A1/252     | 50 h                       | Projection       | Base Down +/- 90 D | 13164        |
| 381665     | ELC-5 24V 250W 24PK     | ELC-5H    | -          | 500 h                      | Projection       | Base Down +/- 90 D | 13163        |
| 136580     | ELC/10H 6 250W 24V 24PK | ELC-10H   | A1/259-10H | 1000 h                     | Disco/Theatre    | Universal          | 13163        |

## Light technical

| Order Code | Full Product Name   | Luminous Flux (Rated) (Nom) | Order Code | Full Product Name       | Luminous Flux (Rated) (Nom) |
|------------|---------------------|-----------------------------|------------|-------------------------|-----------------------------|
| 315085     | EJL 200W 24V 24PK   | 1100 lm                     | 136580     | ELC/10H 6 250W 24V 24PK | -                           |
| 381665     | ELC-5 24V 250W 24PK | -                           |            |                         |                             |

## Mechanical and housing

| Order Code | Full Product Name   | Bulb Shape | Order Code | Full Product Name       | Bulb Shape |
|------------|---------------------|------------|------------|-------------------------|------------|
| 315085     | EJL 200W 24V 24PK   | -          | 136580     | ELC/10H 6 250W 24V 24PK | R-16       |
| 381665     | ELC-5 24V 250W 24PK | R-16       |            |                         |            |

