

## ToLEDo G9

ToLEDo Retro G9 CL 470LM 827 SL

0029668



### Product features

- LED retrofit replacement for halogen G9 mains voltage capsules
- ToLEDo Retro G9 has the same look and feel as halogen design thanks to glass construction body and wide light distribution
- Compact design
- Omni-directional light distribution
- 470lm = 40W halogen G9 lamp
- 90% energy saving
- Non-dimmable
- Suitable for chandeliers, interior display, shop windows, decorative and general lighting applications



## PRODUCT OVERVIEW

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Product name                    | ToLEDo Retro G9 CL 470LM 827 SL     |
| Technology                      | LED                                 |
| Watt (Rated) (W)                | 4.2                                 |
| Type                            | LED exchangeable                    |
| Cap/Base                        | G9                                  |
| Fixture rating                  | Open                                |
| General application             | Hospitality, Residential & Consumer |
| ETIM Class                      | EC001959                            |
| E-number FI                     | 4741141                             |
| Warranty                        | 3 years                             |
| Luminous flux (lm)              | 470                                 |
| Colour temperature (K)          | 2700                                |
| Light colour                    | Homelight                           |
| CRI (Ra)                        | 80                                  |
| Colour Variation Initial (SDCM) | SDCM6                               |
| Photobiological Risk Group      | RG1                                 |
| Wattage (W)                     | 4.2                                 |
| Product Voltage (V)             | 230                                 |
| Dimmable                        | No                                  |
| Average life (Nominal) (h)      | 15000                               |
| Product EAN number              | 5410288296685                       |

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### DATA TABLE

#### General data

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Product name                            | ToLEDo Retro G9 CL 470LM 827 SL     |
| Technology                              | LED                                 |
| Watt (Rated) (W)                        | 4.2                                 |
| Type                                    | LED exchangeable                    |
| Cap/Base                                | G9                                  |
| Fixture rating                          | Open                                |
| General application                     | Hospitality, Residential & Consumer |
| Operating temperature range (°C)        | -20°C - 45°C                        |
| Performance ambient temperature Tq (°C) | 25                                  |
| ETIM Class                              | EC001959                            |
| E-number FI                             | 4741141                             |
| Warranty                                | 3 years                             |

#### Optical data

|                                              |           |
|----------------------------------------------|-----------|
| Luminous flux (lm)                           | 470       |
| Luminous flux (Rated) (lm)                   | 470       |
| Colour temperature (K)                       | 2700      |
| Light colour                                 | Homelight |
| CRI (Ra)                                     | 80        |
| Colour Variation Initial (SDCM)              | SDCM6     |
| Photobiological Risk Group                   | RG1       |
| Lumen maintenance at end of nominal life (%) | 70        |

#### Electrical data

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 4.2     |
| Equivalent watt (W)                               | 40      |
| Product Voltage (V)                               | 230     |
| Control gear required                             | No      |
| No. Of switching cycles before premature failures | >50000  |
| Transformer required                              | No      |
| Dimmable                                          | No      |
| Inrush Current (A)                                | 1.2     |
| Inrush Duration (µs)                              | 520     |
| Lamp Energy Label (class)                         | E       |
| Nominal Frequency (Hz)                            | 50/60Hz |
| Max. Luminaires per 16A C Breaker                 | 133     |
| Max. Luminaires per 16A B Breaker                 | 66      |

#### Lifetime data

|                            |       |
|----------------------------|-------|
| Lifespan L70 B50           | 15000 |
| Average life (Nominal) (h) | 15000 |
| Average life (Rated) (h)   | 15000 |

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### Physical data

|                               |       |
|-------------------------------|-------|
| Nominal Product Length (mm)   | 55.5  |
| Nominal Product Diameter (mm) | 18    |
| Weight (kg)                   | 0.007 |

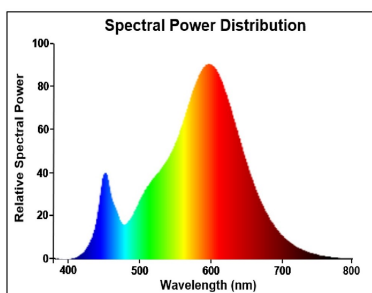
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288296685  |
| Packaging single length / height (cm) | 8.2            |
| Packaging single width (cm)           | 6.1            |
| Packaging single depth (cm)           | 5.1            |
| DUN14 (outer)                         | 15410288296682 |
| Units per outer package               | 6              |
| Packaging outer length / height (cm)  | 19.1           |
| Packaging outer width (cm)            | 10.2           |
| Packaging outer depth (cm)            | 9.2            |

### Safety data

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Optimal operating condition (°C)    | -20-45                                     |
| Breakage cleaning instructions      | Not applicable                             |
| Special purpose lamp                | No                                         |
| Dry applications use only           | Yes                                        |
| Suitable for household illumination | Yes                                        |
| Safety message                      | Not Suitable for totally enclosed fixtures |

## PHOTOMETRY

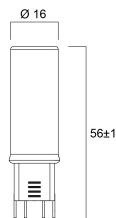


## TECHNICAL DRAWINGS

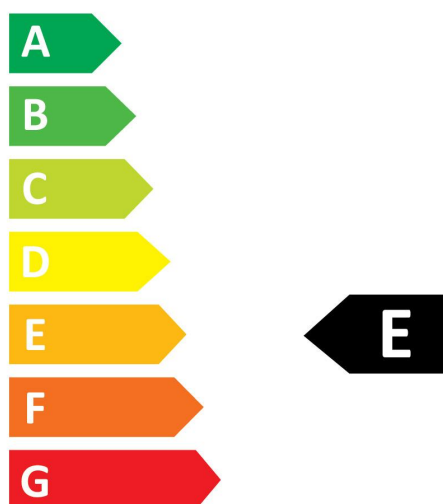
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**5**  
kWh/1000h



2019/2015

# SYLVANIA

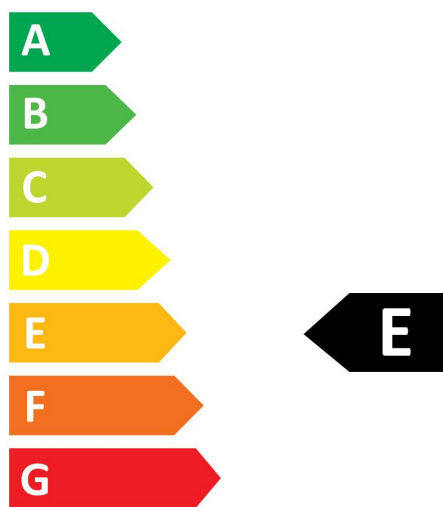
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**5**  
kWh/1000h



2019/2015