



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 |
| Туре | 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 (Im) | 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 |



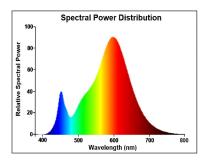
DATA TABLE

| General data | |
|---|--|
| Product name | ToLEDo Retro G9 CL 470LM 827 SL |
| Technology | LED |
| Watt (Rated) (W) | 4.2 |
| Туре | 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 | 25 |
| (°C) | |
| ETIM Class | EC001959 |
| E-number FI | 4741141 |
| Warranty | 3 years |
| | |
| Optical data | |
| Luminous flux (Im) | 470 |
| Luminous flux (Rated) (Im) | 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 | 70 |
| | |
| life (%) | |
| | |
| life (%) Electrical data | 4.2 |
| life (%) | |
| life (%) Electrical data Wattage (W) Equivalent watt (W) | 4.2 |
| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) | 4.2 40 |
| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) Control gear required No. Of switching cycles before premature | 4.2 40 230 |
| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) Control gear required No. Of switching cycles before premature failures | 4.2 40 230 No >50000 |
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| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) Control gear required No. Of switching cycles before premature failures Transformer required Dimmable Inrush Current (A) | 4.2 40 230 No >50000 No 1.2 |
| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) Control gear required No. Of switching cycles before premature failures Transformer required Dimmable Inrush Current (A) Inrush Duration (µs) | 4.2 40 230 No >50000 No 1.2 520 |
| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) Control gear required No. Of switching cycles before premature failures Transformer required Dimmable Inrush Current (A) Inrush Duration (μs) Lamp Energy Label (class) | 4.2 40 230 No >50000 No No 1.2 520 E |
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| life (%) Electrical data Wattage (W) Equivalent watt (W) Product Voltage (V) Control gear required No. Of switching cycles before premature failures Transformer required Dimmable Inrush Current (A) Inrush Duration (µs) Lamp Energy Label (class) Nominal Frequency (Hz) Max. Luminaires per 16A C Breaker Max. Luminaires per 16A B Breaker Lifetime data Lifespan L70 B50 | 4.2 40 230 No >50000 No No No No 1.2 520 E 50/60Hz 133 66 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



