



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

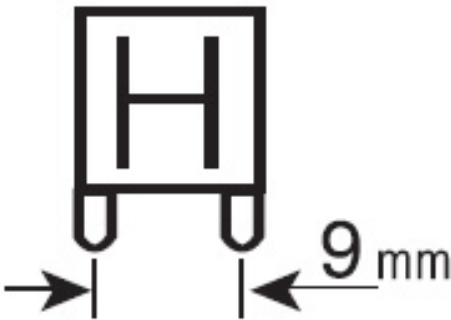
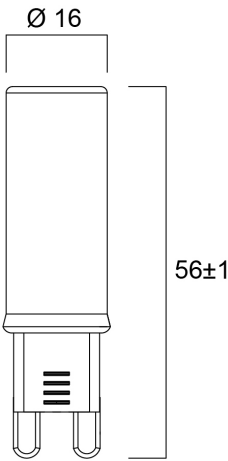
Product Overview

Product name	ToLEDo Retro G9 CL 470LM 840 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	4741142
Luminous flux (lm)	470
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG1
Wattage (W)	4.2
Product Voltage (V)	230
Dimmable	No

ToLEDo Retro G9 CL 470LM 840 SL
0029670

Average life (Nominal) (h)	15000
Product EAN number	5410288296708
Warranty	3 years

Technical drawings



Data table

GENERAL DATA	
Product name	ToLEDo Retro G9 CL 470LM 840 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	4741142

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Warranty	3 years
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OPTICAL DATA

Luminous flux (lm)	470
Luminous flux (Rated) (lm)	470
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
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

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	5410288296708
Packaging single length / height (cm)	8.2
Packaging single width (cm)	6.1
Packaging single depth (cm)	5.1
DUN14 (outer)	15410288296705
Units per outer package	6
Packaging outer length / height (cm)	19.1
Packaging outer width (cm)	10.2
Packaging outer depth (cm)	9.2

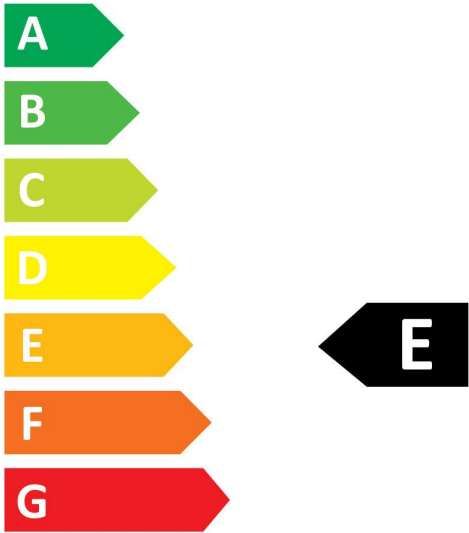
SAFETY DATA

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

Energy label



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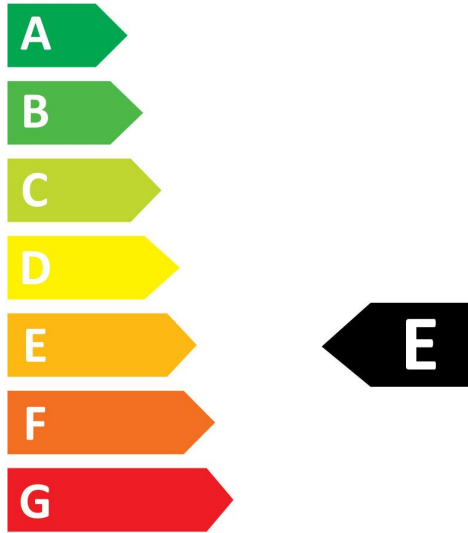
5
kWh/1000h



2019/2015



0029670



5
kWh/1000h



2019/2015