



Features

- Compact and elegant design Suitable replacement for halogen, incandescent and compact fluorescent ball lamps Instant light at the flick of a switch Uniform light distribution Good colour rendering (CRI 80) Perfect for hotels, restaurants, lobbies, corridors, stairwells, reception areas Lower maintenance costs 15,000 hours average rated life

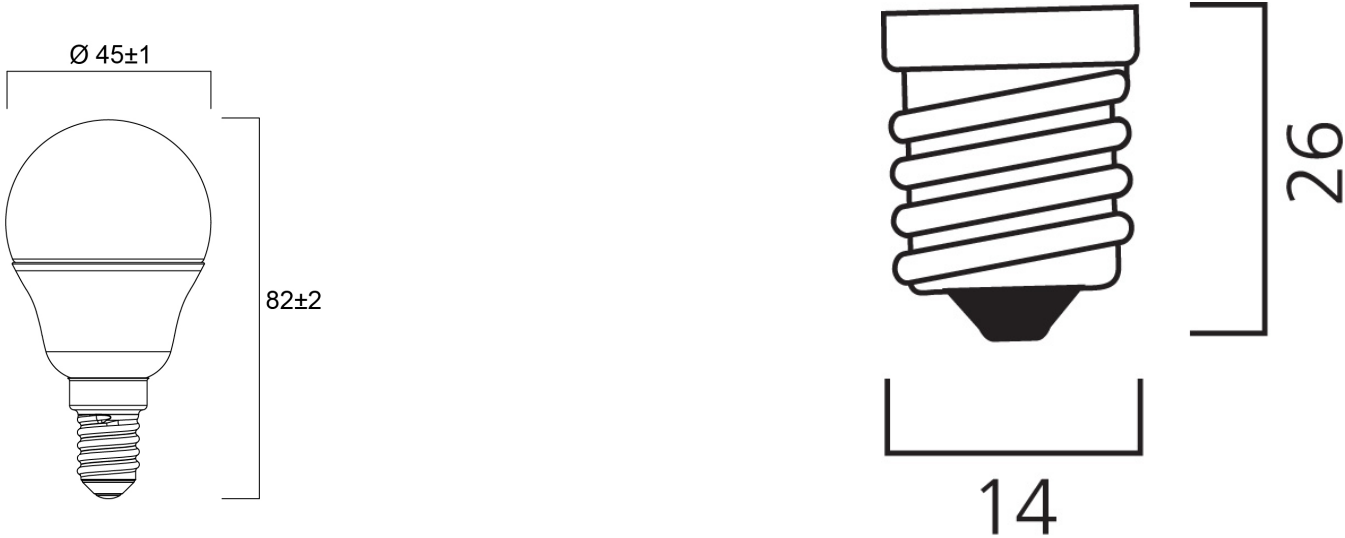
Product Overview

Product name	ToLEDo Ball V7 470LM 840 E14 SL
Technology	LED
Watt (Rated) (W)	4.5
Type	LED exchangeable
Cap/Base	E14
Fixture rating	Open
General application	Education, Hospitality, Residential & Consumer
ETIM Class	EC001959
E-number FI	4741011
Luminous flux (lm)	470
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG0
Wattage (W)	4.5
Product Voltage (V)	230
Dimmable	No

ToLEDo Ball V7 470LM 840 E14 SL
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Average life (Nominal) (h)	15000
Product EAN number	5410288296258
Warranty	3 years

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Ball V7 470LM 840 E14 SL
Technology	LED
Watt (Rated) (W)	4.5
Type	LED exchangeable
Cap/Base	E14
Fixture rating	Open
General application	Education, Hospitality, Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25

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ETIM Class	EC001959
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Warranty	3 years

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	RG0
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Wattage (W)	4.5
Equivalent watt (W)	40
Product Voltage (V)	230
Control gear required	No
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Inrush Current (A)	2.4
Inrush Duration (µs)	420
Lamp Energy Label (class)	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	67
Max. Luminaires per 16A B Breaker	33

LIFETIME DATA

Lifespan L70 B50	15000
Average life (Nominal) (h)	15000

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Average life (Rated) (h)	15000
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PHYSICAL DATA

Nominal Product Length (mm)	82
Nominal Product Diameter (mm)	45
Weight (kg)	0.018

PACKAGING

Single packaging type	Carton
Product EAN number	5410288296258
Packaging single length / height (cm)	5.0
Packaging single width (cm)	5.0
Packaging single depth (cm)	9.5
DUN14 (outer)	15410288296255
Units per outer package	6
Packaging outer length / height (cm)	15.8
Packaging outer width (cm)	10.7
Packaging outer depth (cm)	10.2

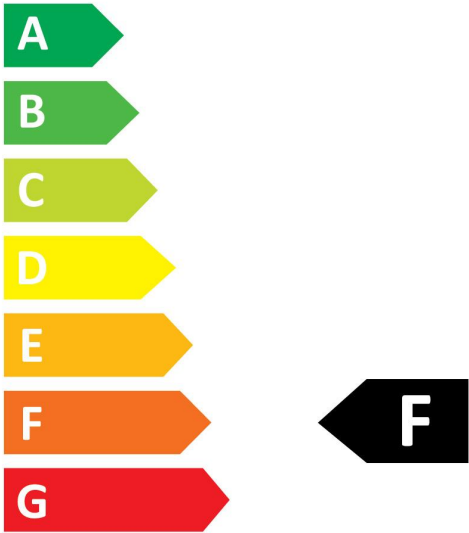
SAFETY DATA

Optimal operating condition (°C)	-20-40
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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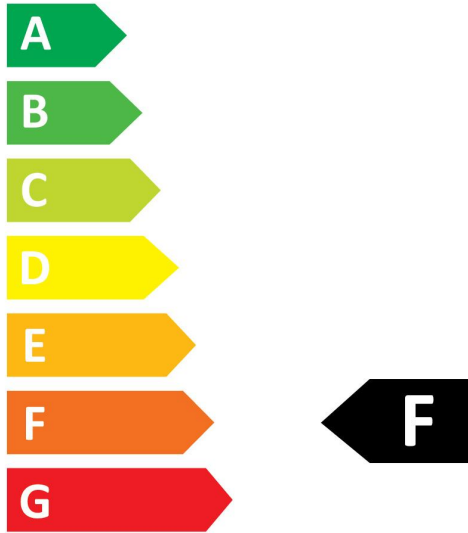
5
kWh/1000h



2019/2015



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5
kWh/1000h



2019/2015