



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

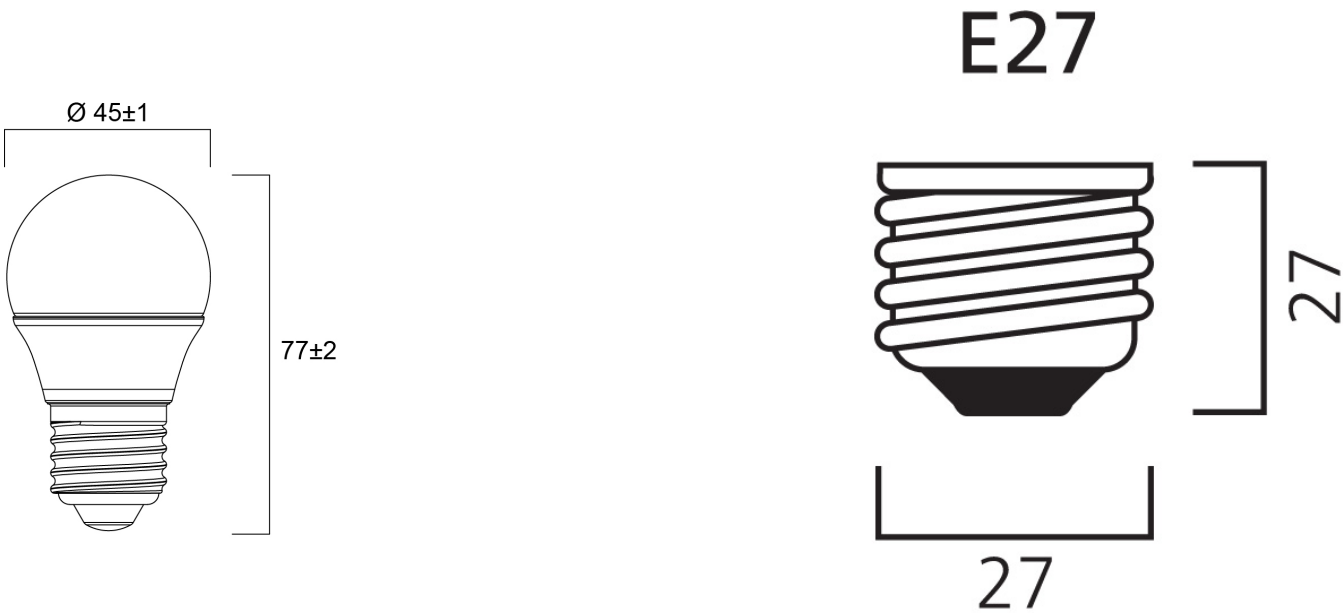
Product Overview

Product name	ToLEDo Ball V7 470LM 840 E27 SL
Technology	LED
Watt (Rated) (W)	4.5
Type	LED exchangeable
Cap/Base	E27
Fixture rating	Open
General application	Education, Hospitality, Residential & Consumer
ETIM Class	EC001959
E-number FI	4741012
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 E27 SL
0029626

Average life (Nominal) (h)	15000
Product EAN number	5410288296265
Warranty	3 years

Technical drawings



Data table

GENERAL DATA

Product name	ToLEDo Ball V7 470LM 840 E27 SL
Technology	LED
Watt (Rated) (W)	4.5
Type	LED exchangeable
Cap/Base	E27
Fixture rating	Open
General application	Education, Hospitality, Residential & Consumer
Operating temperature range (°C)	-20°C...+40°C

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Performance ambient temperature Tq (°C)	25
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ETIM Class	EC001959
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E-number FI	4741012
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Warranty	3 years
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OPTICAL DATA

Luminous flux (lm)	470
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Luminous flux (Rated) (lm)	470
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Colour temperature (K)	4000
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Light colour	Cool White
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CRI (Ra)	80
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Colour Variation Initial (SDCM)	6
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Photobiological Risk Group	RG0
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Lumen maintenance at end of nominal life (%)	70
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ELECTRICAL DATA

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

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

PHYSICAL DATA

Nominal Product Length (mm)	77
Nominal Product Diameter (mm)	45
Weight (kg)	0.018

PACKAGING

Single packaging type	Carton
Product EAN number	5410288296265
Packaging single length / height (cm)	5.0
Packaging single width (cm)	5.0
Packaging single depth (cm)	9.5
DUN14 (outer)	15410288296262
Units per outer package	6
Packaging outer length / height (cm)	15.8
Packaging outer width (cm)	10.7
Packaging outer depth (cm)	10.2

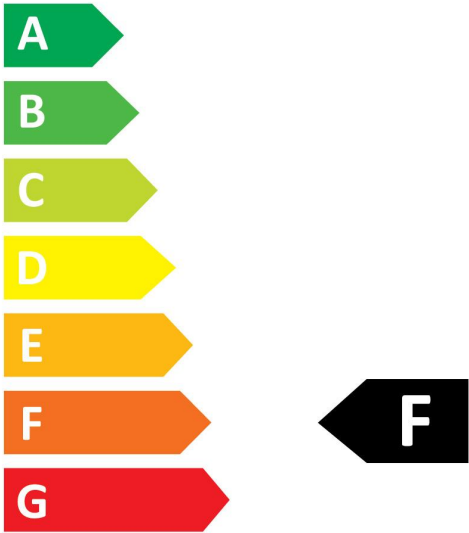
SAFETY DATA

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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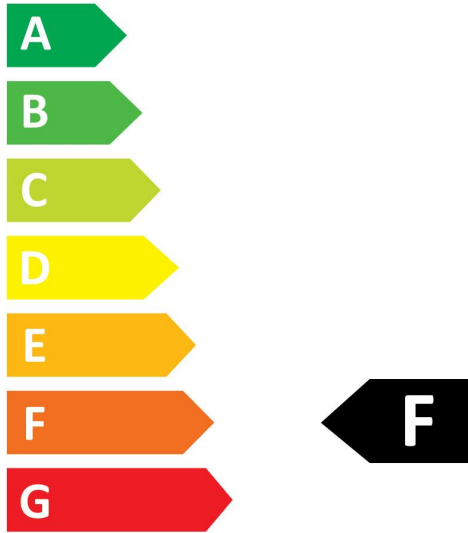
5
kWh/1000h



2019/2015



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5
kWh/1000h



2019/2015