

ToLEDo Retro Ball

ToLEDo RT BALL V4 CL 470LM 827 E14 SL

0027246



Product features

- Perfect for decorative and general lighting applications and creates a warm ambience similar to traditional lamps
- The versatile ToLEDo Retro ball range is the ideal replacement for halogen and incandescent lamps and perfect for chandeliers and decorative applications
- Same look, size and functionality as incandescent lamps
- Omni-directional light distribution
- A++ energy rating
- Gives same sparkling light effect as the incandescent lamp
- Dimensionally identical to incandescent lamps - fits all fixtures
- Environment-friendly - no mercury and lower CO2 emissions



PRODUCT OVERVIEW

Product name	ToLEDo RT BALL V4 CL 470LM 827 E14 SL
Technology	LED
Watt (Rated) (W)	4.5
Type	ToLEDo Retro Ball
Cap/Base	E14
Fixture rating	Open
General application	Hospitality, Residential & Consumer
ETIM Class	EC001959
E-number FI	4740423
E-number SE	8295058
Warranty	3 years
Luminous flux (lm)	470
Colour temperature (K)	2700
Light colour	Homelight
CRI (Ra)	80
Beam Angle (°)	300
Wattage (W)	4.5
Product Voltage (V)	230
Average life (Nominal) (h)	15000
Product EAN number	5410288272467

DATA TABLE

General data

Product name	ToLEDo RT BALL V4 CL 470LM 827 E14 SL
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Performance ambient temperature Tq (°C) 25

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Warranty 3 years

Optical data

Luminous flux (lm) 470

Luminous flux (Rated) (lm) 470

Colour temperature (K) 2700

Light colour Homelight

CRI (Ra) 80

Beam Angle (°) 300

Lumen maintenance at end of nominal life (%) 70

Electrical data

Wattage (W) 4.5

Equivalent watt (W) 40

Starting time (max) (s) 0.5

Warm-up time to 60% of full light (max) (s) 1

Product Voltage (V) 230

Lamp power factor 0.5

No. Of switching cycles before premature failures >50000

Inrush Current (A) 2.6

Nominal Frequency (Hz) 50/60Hz

Max. Luminaires per 10A C Breaker 38

Max. Luminaires per 16A C Breaker 62

Max. Luminaires per 20A C Breaker 77

Lifetime data

Average life (Nominal) (h) 15000

Average life (Rated) (h) 15000

Physical data

Nominal Product Length (mm) 80

Nominal Product Diameter (mm) 45

Weight (kg) 0.015

Packaging

Single packaging type Carton

Product EAN number 5410288272467

Packaging single length / height (cm) 9.8

Packaging single width (cm) 4.8

Packaging single depth (cm) 4.8

DUN14 (inner) 25410288272461

Units per inner package 6

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Packaging inner length / height (cm)	15.3
Packaging inner width (cm)	11.1
Packaging inner depth (cm)	10.6
DUN14 (outer)	15410288272464
Units per outer package	60
Packaging outer length / height (cm)	54.7
Packaging outer width (cm)	33.1
Packaging outer depth (cm)	14.0

Safety data	
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

TECHNICAL DRAWINGS

