

## ToLEDo Retro Ball

ToLEDo RT BALL V4 CL 470LM 827 E27 BL  
0027247



### 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 E27 BL
Technology	LED
Watt (Rated) (W)	4.5
Type	ToLEDo Retro Ball
Cap/Base	E27
Fixture rating	Open
General application	Hospitality, Residential & Consumer
ETIM Class	EC001959
E-number SE	8295061
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	5410288272474

## DATA TABLE

### General data

Product name	ToLEDo RT BALL V4 CL 470LM 827 E27 BL
Technology	LED
Watt (Rated) (W)	4.5
Type	ToLEDo Retro Ball
Cap/Base	E27
Fixture rating	Open
General application	Hospitality, Residential & Consumer
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
kWh per 1000 hours burning time	5
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)	78
Nominal Product Diameter (mm)	45
Weight (kg)	0.025

### Packaging

Single packaging type	Mix blister(20% carton, 80% pl)
Product EAN number	5410288272474
Packaging single length / height (cm)	15.2
Packaging single width (cm)	13.1
Packaging single depth (cm)	4.6
DUN14 (inner)	25410288272478
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	15.1

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Packaging inner depth (cm)	16.1
DUN14 (outer)	15410288272471
Units per outer package	60
Packaging outer length / height (cm)	84.4
Packaging outer width (cm)	30.4
Packaging outer depth (cm)	32.7

### 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

