



Energy Saver Compact Fluorescents – Going green never looked so good

Energy Saver T2

The Philips EnergySaver T2 provides energy efficient lighting in a smaller, sleeker, size that fits more fixtures. The energy saving T2 is a direct replacement for most incandescents, provides soft white light and lasts 11 years* reducing the hassle of frequent replacements.

Benefits

- Philips Energy Saver T2 Twister provides energy savings and reduced operating costs without sacrificing quality of light compared to standard incandescent equivalent.
- Direct replacement for incandescent bulbs, provides a warm and inviting soft white light.
- Extra small, contemporary size fits better into most fixtures, including small modern fixtures.

Features

- Similar light output as standard incandescent lamps
- Smaller, compact size fits most small fixtures
- Instant on
- Long Life—Lasts 11 years*
- 9W T2 is equivalent to 40W standard incandescent**
- * Based on approximately 3 hours average usage per day/7 days per week. ** This 9W energy saving light bulb provides soft white light similar to a 40W incandescent bulb

Energy Saver T2

Application

- Ideal for table or floor lamps, wall sconces, and surface mounted fixtures around the home.

Versions

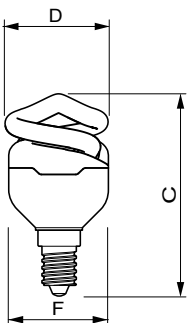
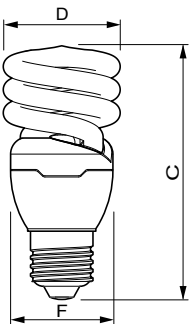


Single Contact Medium Screw EL/mdTQS



Single Contact Medium Screw Spiral

Dimensional drawing

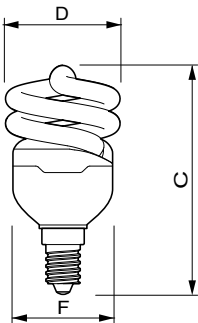


Product	D (max)	C (max)	F (max)
EL/mdTQ 13W T2	51.5 mm	104.3 mm	42.5 mm
EL/mdTQ 13W T2 4.1k	51.5 mm	104.3 mm	42.5 mm

Product
EL/mdTQ 23W T2

Energy Saver T2

Dimensional drawing



Product
EL/mdTQ 23W T2

Product details



B22



E14



E14



E14, T2



B22

Energy Saver T2

Controls and dimming	
Dimmable	No
Operating and electrical	
Input Frequency	50 or 60 Hz
Voltage (Nom)	110-127 V
General information	
Cap-Base	E26
Nominal Lifetime (Nom)	10000 h
Rated Lifetime (Hours)	10000 h
Switching Cycle	5000X
Light technical	
Lumen Maintenance 2000 h (Nom)	85 %
Luminous Efficacy (rated) (Nom)	67 lm/W

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/	Mercury (Hg) Content	Mercury (Hg)
		1000 h	(Max)	Content (Nom)
413996	EL/mdTQS 13W T2	13 kWh	2 mg	-
414037	EL/mdTQ 13W T2 4.1k	13 kWh	2 mg	-
414011	EL/mdTQS 23W T2	23 kWh	2.5 mg	2 mg

Operating and electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)	Warm Up Time To 60% Light (Max)	Warm Up Time To 60% Light (Min)
413996	EL/mdTQS 13W T2	210 mA	13.0 W	40 s	5 s
414037	EL/mdTQ 13W T2 4.1k	210 mA	13.0 W	40 s	5 s

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)	Warm Up Time To 60% Light (Max)	Warm Up Time To 60% Light (Min)
414011	EL/mdTQS 23W T2	360 mA	23.0 W	-	-

General information

Order Code	Full Product Name	Rated Lifetime (Years)
413996	EL/mdTQS 13W T2	5 a
414037	EL/mdTQ 13W T2 4.1k	5 a

Order Code	Full Product Name	Rated Lifetime (Years)
414011	EL/mdTQS 23W T2	10 a

Light technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Code	Color Designation
413996	EL/mdTQS 13W T2	459	412	827	Warm White (WW)
414037	EL/mdTQ 13W T2 4.1k	380	380	841	Cool White (CW)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Code	Color Designation
414011	EL/mdTQS 23W T2	463	420	827	Warm White (WW)

Light technical (2/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Rendering Index (Min)	Color Rendering Index (Nom)	Llmf At End Of Nominal Lifetime (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
413996	EL/mdTQS 13W T2	2700 K	-	81	50 %	70 %	900 lm	900 lm
414037	EL/mdTQ 13W T2 4.1k	4100 K	-	81	50 %	70 %	900 lm	900 lm
414011	EL/mdTQS 23W T2	2700 K	81	-	70 %	75 %	1600 lm	1600 lm

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Mechanical and housing

Order Code	Full Product Name	Bulb Shape
413996	EL/mdTQS 13W T2	EL/mdTQS
414037	EL/mdTQ 13W T2 4.1k	EL/mdTQS

Order Code	Full Product Name	Bulb Shape
414011	EL/mdTQS 23W T2	Spiral

