



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

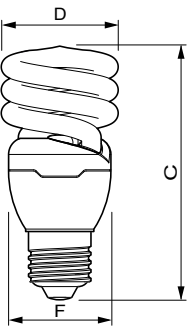


Single Contact Medium Screw EL/mdTQS



Single Contact Medium Screw Spiral

Dimensional drawing

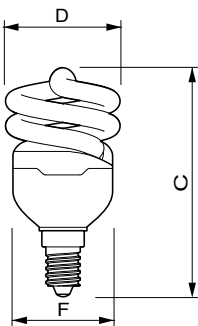
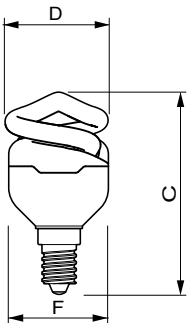


Product	D (max)	C (max)	F (max)
EL/mdTQS 26W T2 4.1K	2-1/2 in	5-1/16 in	2 in
EL/mdTQS 26W T2 5K	2-1/2 in	5-1/16 in	2 in
EL/mdTQ 23W T2 3.5k	2-7/16 in	4-9/16 in	2 in
EL/mdTQ 23W T2 4.1k	2-7/16 in	4-9/16 in	2 in

Product	D (max)	C (max)	F (max)
EL/mdTQ 13W T2	2-1/16 in	4-1/8 in	1-11/16 in
EL/mdTQ 13W T2 4.1k	2-1/16 in	4-1/8 in	1-11/16 in

Energy Saver T2

Dimensional drawing



Product

EL/mdTQ 23W T2

Product

EL/mdTQ 23W T2

Product details



B22



E14



E14



E14, T2

Energy Saver T2

Product details



B22

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 %

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/	Mercury (Hg) Content	Mercury (Hg)
		1000 h	(Max)	Content (Nom)
414086	EL/mdTQS 26W T2 4.1K	26 kWh	2.5 mg	-
414094	EL/mdTQS 26W T2 5K	26 kWh	2.5 mg	-
413996	EL/mdTQS 13W T2	13 kWh	2 mg	-
414037	EL/mdTQ 13W T2 4.1k	13 kWh	2 mg	-
414052	EL/mdTQ 23W T2 3.5k	23 kWh	2.5 mg	-
414060	EL/mdTQ 23W T2 4.1k	23 kWh	2.5 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)
		(mA)	(W)	(s)	(s)
414086	EL/mdTQS 26W T2 4.1K	410 mA	26.0 W	40 s	5 s
414094	EL/mdTQS 26W T2 5K	410 mA	26.0 W	40 s	5 s
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)
		(mA)	(W)	(s)	(s)
414052	EL/mdTQ 23W T2 3.5k	360 mA	23.0 W	40 s	5 s
414060	EL/mdTQ 23W T2 4.1k	360 mA	23.0 W	40 s	5 s
414011	EL/mdTQS 23W T2	360 mA	23.0 W	-	-

General information

Order Code	Full Product Name	Rated Lifetime (Years)
414086	EL/mdTQS 26W T2 4.1K	5 a
414094	EL/mdTQS 26W T2 5K	5 a
413996	EL/mdTQS 13W T2	5 a
414037	EL/mdTQ 13W T2 4.1k	5 a

Order Code	Full Product Name	Rated Lifetime (Years)
414052	EL/mdTQ 23W T2 3.5k	5 a
414060	EL/mdTQ 23W T2 4.1k	5 a
414011	EL/mdTQS 23W T2	10 a

Light technical (1/2)

Energy Saver T2

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Code	Color Designation
		Coordinate X (Nom)	Coordinate Y (Nom)		
414086	EL/mdTQS 26W T2 4.1K	380	380	841	Cool White (CW)
414094	EL/mdTQS 26W T2 5K	346	359	850	Cool Daylight
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	Chromaticity	Color Code	Color Designation
		Coordinate X (Nom)	Coordinate Y (Nom)		
414052	EL/mdTQ 23W T2 3.5k	411	393	835	White (WH)
414060	EL/mdTQ 23W T2 4.1k	380	380	841	Cool White (CW)
414011	EL/mdTQS 23W T2	463	420	827	Warm White (WW)

Light technical (2/2)

Order Code	Full Product Name	Correlated Color Temperature	Color Rendering Index (Min)	Color Rendering Index (Nom)	Llmf At End Of Nominal Lifetime (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
		(Nom)							
414086	EL/mdTQS 26W T2 4.1K	4100 K	-	81	50 %	70 %	69 lm/W	1800 lm	1800 lm
414094	EL/mdTQS 26W T2 5K	5000 K	-	80	50 %	70 %	65 lm/W	1700 lm	1700 lm
413996	EL/mdTQS 13W T2	2700 K	-	81	50 %	70 %	67 lm/W	900 lm	900 lm
414037	EL/mdTQ 13W T2 4.1k	4100 K	-	81	50 %	70 %	67 lm/W	900 lm	900 lm
414052	EL/mdTQ 23W T2 3.5k	3500 K	-	81	50 %	70 %	67 lm/W	1600 lm	1600 lm
414060	EL/mdTQ 23W T2 4.1k	4100 K	-	81	50 %	70 %	67 lm/W	1600 lm	1600 lm
414011	EL/mdTQS 23W T2	2700 K	81	-	70 %	75 %	67 lm/W	1600 lm	1600 lm

Mechanical and housing

Order Code	Full Product Name	Bulb Shape
414086	EL/mdTQS 26W T2 4.1K	EL/mdTQS
414094	EL/mdTQS 26W T2 5K	EL/mdTQS
413996	EL/mdTQS 13W T2	EL/mdTQS
414037	EL/mdTQ 13W T2 4.1k	EL/mdTQS

Order Code	Full Product Name	Bulb Shape
414052	EL/mdTQ 23W T2 3.5k	EL/mdTQS
414060	EL/mdTQ 23W T2 4.1k	EL/mdTQS
414011	EL/mdTQS 23W T2	Spiral

