Philips Energy Saver Twister Compact Fluorescent Lamps

Ideal for hospitality applications and general household use

Energy Saver



Energy saving twisters

Philips Energy Saver twister compact fluorescents deliver low operating costs and do not sacrifice light quality as compared to incandescent equivalents.‡

Direct replacement for incandescent bulbs

- Variety of color temperatures available in select wattages
- Glass coating process enables excellent lumen maintenance
- Circuit designed with end of life protection
- RoHS compliant

Dimmable twisters

- Compatible with many household dimmers†
- Dimmable to 10% of full light levels

3-Way twister

- Double Helix Technology utilizes two separate burners to provide three distinct light levels
- Harp extenders included

Long life

Energy savings

- Saves up to $84 over the life of the lamp when you replace a 100W A19 incandescent lamp with a 23W energy saving twister*

(See page 2 for footnotes)

PHILIPS

sense and simplicity

Philips Energy Saver Twister Compact Fluorescent Lamps

Ordering, Electrical and Technical Data

	Product Number	Ordering Code	Volts	Nom. Watts	Approx. Incand. Equiv.	Base	Color Temp. (Kelvin)	CRI	Approx. Initial Lumens[1]	MOL (In.)	Diam. (In.)	Rated Avg. Life (Hrs.)[2]	Min. Starting Temp.[3]	Max. Ambient Temp.[3]
	Energy Saver Twister													
■	14792-6	EL/mdT 5W LL	120	5	25 A19	Med.	2700	82	315	4	1 ⅘	12,000	-4°F/-20°C	122°F/50°C
■	41398-8	EL/mdT2 9W	120	9	40 A19	Med	2700	82	515	3 ⅔	2	12,000	-4°F/-20°C	140°F/60°C
■	41399-6	EL/mdT2 13W	120	13	60 A19	Med	2700	82	890	3 ¾	2	12,000	-4°F/-20°C	140°F/60°C
■	41402-9	EL/mdT2 13W 3.5K	120	13	60 A19	Med	3500	82	875	3 ¾	2	10,000	-4°F/-20°C	140°F/60°C
■	41403-7	EL/mdT2 13W 4.1K	120	13	60 A19	Med	4100	82	860	3 ¾	2	10,000	-4°F/-20°C	140°F/60°C
■	41404-5	EL/mdT2 13W 5K	120	13	60 A19	Med	5000	82	845	3 ¾	2	10,000	-4°F/-20°C	140°F/60°C
■	41400-3	EL/mdT2 18W	120	18	75 A19	Med	2700	82	1290	4 ⅛	2 ¼	12,000	-4°F/-20°C	140°F/60°C
■	22789-2	EL/mdT 23W	120	23	100 A19	Med.	2700	82	1600	4 ⅝	2 ⅜	10,000	-4°F/-20°C	122°F/50°C
■	41401-1	EL/mdT2 23W	120	23	100 A19	Med	2700	82	1655	4 ½	2 ¼	12,000	-4°F/-20°C	140°F/60°C
■	41405-2	EL/mdT2 23W 3.5K	120	23	100 A19	Med	3500	82	1615	4 ½	2 ¼	10,000	-4°F/-20°C	140°F/60°C
■	41406-0	EL/mdT2 23W 4.1K	120	23	100 A19	Med	4100	82	1600	4 ½	2 ¼	10,000	-4°F/-20°C	140°F/60°C
■	41407-8	EL/mdT2 23W 5K	120	23	100 A19	Med	5000	82	1480	4 ½	2 ¼	10,000	-4°F/-20°C	140°F/60°C
■	41410-2	EL/mdT2 26W	120	26	100 A19	Med	2700	82	1855	4 ⅝	2 ¼	12,000	-4°F/-20°C	140°F/60°C
■	41408-6	EL/mdT2 26W 4.1K	120	26	100 A19	Med	4100	82	1890	4 ⅝	2 ¼	10,000	-4°F/-20°C	140°F/60°C
■	41409-4	EL/mdT2 26W 5K	120	26	100 A19	Med	5000	82	1835	4 ⅝	2 ¼	10,000	-4°F/-20°C	140°F/60°C
■	13715-8	EL/mdT 27W	120	27	100 A19	Med.	2700	82	1750	5 ⅓	2 ⅜	10,000	-4°F/-20°C	122°F/50°C
■	14788-4	EL/mdT 27W 4K LL	120	27	100 A19	Med.	4100	82	1850	5 ⅓	2 ⅜	12,000	-4°F/-20°C	122°F/50°C
■	14789-2	EL/mdT 27W 5K LL	120	27	100 A19	Med.	5000	82	1850	5 ⅓	2 ⅜	12,000	-4°F/-20°C	122°F/50°C
■	15639-8	EL/mdT 32W LL	120	32	125 A19	Med.	2700	82	2200	5 ⅔	2 ⅝	12,000	-4°F/-20°C	122°F/50°C
■	13948-5	EL/dT42W LL	120	42	150 A21	Med.	2700	82	2800	6 ⅛	2 ⅛	12,000	-4°F/-20°C	122°F/50°C
	Energy Saver Twister 3-Way													
■	21193-8	EL/3W 11-23-34	120	11-23-34	50-100-150A21	Med.	2700	82	700-1500-2200	6 ⅔	2 ⅝	10,000	-4°F/-20°C	140°F/60°C
	Energy Saver Twister Dimmable													
■§	40737-9	EL/mdT DIM 15W	120	15	60 A19	Med.	2700	82	900	4 ⅓	2 ⅜	10,000	32°F/0°C	122°F/50°C
■§	40583-7	EL/mdT DIM 20W	120	20	75 A19	Med.	2700	82	1150	4 ⅓	2 ⅜	10,000	32°F/0°C	122°F/50°C
■§	40715-5	EL/dT DIM 32W	120	32	125 A19	Med.	2700	82	2000	6	2 ⅛	10,000	32°F/0°C	122°F/50°C

1) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life under standard laboratory conditions.

2) Rated average life is the life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Use in recessed cans or enclosed indoor fixtures could result in reduced lamp life.

3) The minimum and maximum starting temperature is the termperature at which the lamp wil reliably start.

■ **ENERGY STAR® Bulb: As an ENERGY STAR® Partner, Philips has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.**

§ Approved for use with many standard household dimmers.

WARNINGS & CAUTIONS: Do not use with dimmers except where indicated. Some electronic timer and photosensor switches contain dimming circuitry, so before using such a switch, check with its manufacturer to ensure compatibility with electronic CFL bulbs. Do not use with emergency exit fixtures or lights. Outdoor use requires a weather-protected fixture. Turn off power before changing bulb. This device complies with Part 18 of the FCC Rules.

Use in recessed cans or enclosed fixtures could result in reduced lamp life.

Note: This product may cause interference with radios, televisions, telephones, or remote controls. If interference occurs, move this product away from device or plug into another outlet.

Footnotes from front:

† See website for more information:
http://applications.nam.lighting.philips.com/cfli_dimmer.pdf

* At $0.11 kWH, this 23 watt energy saver bulb rated at 1655 lumens uses $25.30 of electricity over its 10000 hour life. This is a $84.70 savings when compared to the $110 required to run a 100-watt incandescent bulb rated at 1600 lumens over the same period. Actual savings will vary depending on cost per kWH in your area.

‡

CFL Wattages	Incandescent Wattage Equivalency	Incandescent Lumens
5	25	250
9	40	450
13	60	800
18	75	11
23/26/27	100	1600
32	125	2000
42	150	2600

Philips Energy Saver Twister Compact Fluorescent Lamps

Shipping Data

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. ft.)	Pallet Qty.	SKUs Per Layer	Layers High	SKU Dimensions (W x D x H)(In.)	Case Dimensions (W x D x H)(In.)	Pallet Dimensions (W x D x H)(In.)
Energy Saver Twister											
14792-6	14792-1	14792-6	6	1.72	0.08	2646	378	7	2.0 x 2.0 x 4.4	4.4 x 6.4 x 5.1	39.4 x 45.1 x 35.4
41398-8	46677-9	50046-4	6	0.95	0.09	2400	300	8	2.2 x 2.2 x 3.6	7.2 x 4.9 x 4.3	39.4 x 47.2 x 39.7
41399-6	46677-6	50046-1	6	1.06	0.10	2100	300	7	2.2 x 2.2 x 4.1	7.2 x 4.9 x 4.7	39.4 x 47.2 x 38.8
41402-9	46677-3	50046-8	6	1.06	0.10	2100	300	7	2.2 x 2.2 x 4.1	7.2 x 4.9 x 4.7	39.4 x 47.2 x 38.8
41403-7	46677-0	50046-5	6	1.06	0.10	2100	300	7	2.2 x 2.2 x 4.1	7.2 x 4.9 x 4.7	39.4 x 47.2 x 38.8
41404-5	46677-7	50046-2	6	1.06	0.10	2100	300	7	2.2 x 2.2 x 4.1	7.2 x 4.9 x 4.7	39.4 x 47.2 x 38.8
41400-3	46677-9	50046-4	6	1.42	0.13	1638	234	7	2.6 x 2.5 x 4.5	8.1 x 5.5 x 5.2	39.4 x 47.2 x 42.1
22789-2	22789-0	22789-5	1	3.15	0.35	136	17	8	9.3 x 11.7 x 5.6	9.3 x 11.7 x 5.6	39.4 x 46.8 x 44.5
41401-1	46677-6	50046-1	6	1.59	0.14	1404	234	6	2.6 x 2.5 x 4.8	8.1 x 5.5 x 5.5	39.4 x 47.2 x 38.8
41405-2	46677-5	50046-0	6	1.59	0.14	1404	234	6	2.6 x 2.5 x 4.8	8.1 x 5.5 x 5.5	39.4 x 47.2 x 38.8
41406-0	46677-1	50046-6	6	1.59	0.14	1404	234	6	2.6 x 2.5 x 4.8	8.1 x 5.5 x 5.5	39.4 x 47.2 x 38.8
41407-8	46677-8	50046-3	6	1.59	0.14	1404	234	6	2.6 x 2.5 x 4.8	8.1 x 5.5 x 5.5	39.4 x 47.2 x 38.8
41410-2	46677-8	50046-3	6	1.61	0.15	1404	234	6	2.6 x 2.5 x 5.2	8.1 x 5.5 x 5.9	39.4 x 47.2 x 41.1
41408-6	46677-5	50046-0	6	1.61	0.15	1404	234	6	2.6 x 2.5 x 5.2	8.1 x 5.5 x 5.9	39.4 x 47.2 x 41.1
41409-4	46677-2	50046-7	6	1.61	0.15	1404	234	6	2.6 x 2.5 x 5.2	8.1 x 5.5 x 5.9	39.4 x 47.2 x 41.1
13715-8	13715-1	13715-6	6	1.39	0.21	1020	204	5	2.6 x 2.6 x 6.1	5.9 x 8.5 x 7.2	39.4 x 47.2 x 41.7
14788-4	14788-4	14788-9	6	2.38	0.19	1170	234	5	2.6 x 2.6 x 6.1	5.9 x 8.3 x 6.9	39.8 x 47.2 x 34.4
14789-2	14789-1	14789-6	6	2.39	0.19	1170	234	5	2.6 x 2.6 x 6.1	5.9 x 8.3 x 6.9	39.8 x 47.2 x 34.4
15639-8	15639-8	15639-3	5	1.64	0.26	900	180	5	3.0 x 3.0 x 6.2	6.4 x 9.4 x 7.5	38.3 x 47.0 x 37.5
13948-5	13948-3	13948-8	6	2.70	0.30	1080	180	6	3.1 x 3.1 x 7.6	6.7 x 9.9 x 7.9	40.1 x 49.4 x 47.6
Energy Saver Twister 3-Way											
21193-8	21193-6	21193-1	6	2.70	0.30	1080	180	6	3.0 x 3.0 x 7.5	9.4 x 6.3 x 7.5	49.0 x 40.1 x 47.6
Energy Saver Twister Dimmable											
40737-9	40737-7	40737-2	6	2.42	0.17	1224	204	6	2.8 x 2.8 x 5.3	5.8 x 8.5 x 5.9	37.5 x 46.9 x 35.9
40583-7	40583-0	40583-5	6	1.98	0.15	1404	234	6	2.5 x 2.5 x 5.0	5.6 x 8.2 x 5.8	39.2 x 46.4 x 34.9
40715-5	40715-5	40715-0	6	3.25	0.26	840	168	5	3.0 x 3.0 x 6.4	6.6 x 9.7 x 7.1	38.8 x 45.9 x 35.3

Bulb Type	Table/Floor Lamp	Outdoor Postlight	Wall Sconce	Surface Mount	Reading Lamp	Recessed Fixture	Open Hanging	Vanity Strip	Ceiling Fan	Rough Service
Genie	●	●	●	●	●		●			
Twister	●	●	●	●	●		●			
Universal	●	●	●	●	●	●	●			
Reflector Flood						●				
Candle		●	●				●		●	
Vanity & Decor Globe							●	●	●	
A-Shape	●	●	●		●		●		●	
Outdoor		●								
TuffGuard®										●



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