



Energy Saver Compact Fluorescents – Going green never looked so good

Energy Saver GU24

Looking for an energy saver that does not look like one? The Philips EnergySaver family provides energy efficient lighting options that don't just provide similar light as your standard incandescent light bulb, they also have the same classic shapes. Try the Philips EnergySavers and see how they truly provide advanced lighting designed around your needs.

Benefits

- Philips Energy Saver GU24 Twister provide energy savings and reduced operating costs without sacrificing quality of light compared to standard incandescent equivalents.
- Philips Energy Saver GU24 Twister feature a twist and lock connection with 2 pins for energy efficient replacement.
- Saves up to \$77 over the life of the lamp when you replace a 100W A19 incandescent lamp with a 23W Energy Saver Twister GU24+
- +Based on wattage saved (77w) x replacement lamp rated average life (10,000 hrs) divided by 1000 x kWh rate (.10) = \$77 saved

Energy Saver GU24

Features

- Self ballasted
- Instant on
- Compact size fits most GU24 fixtures
- Meets California's Energy Efficiency Standards for Residential and Nonresidential Buildings (24 CCR 6)
- Long life- Lasts 9 years*
- Available in: 13, 18, and 23 Watt versions
- * Based on an average daily usage of 3-4 hours/day, 7 days/week

Application

- Ideal for Table/Floor Lamps Wall Sconces, Surface Mounts, Reading Lamps, Recessed Fixtures, Open Hanging Fixtures, Ceiling Fans

Versions

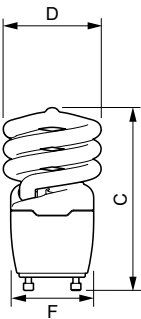


13 W GU24



GU24 EL/mdTQS

Dimensional drawing



Product	D (max)	C (max)	F (max)
EL/mdTQS 13W GU24	2-1/16 in	3-3/4 in	1-11/16 in

Energy Saver GU24

Dimensional drawing



Product	D (max)	C (max)	F (max)
EL/mdTQS 18W GU24	2-1/4 in	4-1/8 in	1-7/8 in
EL/mdTQS 23W GU24	2-7/16 in	4-3/8 in	2 in

Controls and dimming	
Dimmable	No
Operating and electrical	
Input Frequency	50 or 60 Hz
Voltage (Nom)	110-127 V
Warm Up Time To 60% Light (Max)	40 s
Warm Up Time To 60% Light (Min)	5 s
General information	
Cap-Base	GU24
Nominal Lifetime (Nom)	10000 h
Rated Lifetime (Hours)	10000 h
Rated Lifetime (Years)	5 a
Switching Cycle	5000X
Light technical	
Chromaticity Coordinate X (Nom)	459
Chromaticity Coordinate Y (Nom)	412
Color Code	827
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Color Rendering Index (Nom)	80
LLmf At End Of Nominal Lifetime (Nom)	50 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Nom)	70 %
Luminous Efficacy (rated) (Nom)	67 lm/W
Mechanical and housing	
Bulb Shape	EL/mdTQS

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
454199	EL/mdTQS 13W GU24	13 kWh	2 mg
454207	EL/mdTQS 18W GU24	18 kWh	2 mg
454215	EL/mdTQS 23W GU24	23 kWh	2.5 mg

Operating and electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
454199	EL/mdTQS 13W GU24	210 mA	13.0 W
454207	EL/mdTQS 18W GU24	290 mA	18.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
454215	EL/mdTQS 23W GU24	360 mA	23.0 W

Light technical

Energy Saver GU24

Order Code	Full Product Name	Luminous Flux (Rated)	
		Luminous Flux (Nom)	(Nom)
454199	EL/mdTQS 13W GU24	900 lm	900 lm
454207	EL/mdTQS 18W GU24	1250 lm	1250 lm

Order Code	Full Product Name	Luminous Flux (Rated)	
		Luminous Flux (Nom)	(Nom)
454215	EL/mdTQS 23W GU24	1600 lm	1600 lm

