Compact Fluorescent Lamps*

Panasonic LIGHTING

Capsule Collection

Electronic light capsules are highly efficient, long-lasting alternatives to incandescent light bulbs, consuming 75% less energy and lasting 10 times longer. The Capsule Collection is designed to retrofit a wide variety of 120 volt fixtures for indoor and outdoor applications with operating temperatures between -22°F and 122°F. The Collection includes 10, 15, 20, 25 and 28 watt models to replace 40, 60, 75, 90 and 100 watt incandescents respectively.

"High Power Quality" models are also available within the Capsule Collection to surpass electric utility standards of 90% power factor and less than 30% total harmonic distortion (THD).

PANASONIC LIGHT CAPSULE SPECIFICATIONS
Rated life = 10 000 hours - 120 Volts - Medium Base*
Start Temp. = -22°F

Ordering Code	Shape	Rated Watts (w)	Equiv. Incandescent Lamp (w)	Color	Initial Lumens (lm)	CRI	NSN
EFG10E28	Globe	10	40	2800°K	500	84	6240-01-462-1435
EFG15E28	Globe	15	60	2800°K	850	84	6240-01-381-2275
EFG15E50	Globe	15	60	5000°K	810	88	6240-01-462-1440
EFT15E28	Tubular	15	60	2800°K	850	84	6240-01-381-2149
EFT15E50	Tubular	15	60	5000°K	810	88	6240-01-381-1618
EFT20E28	Tubular	20	75	2800°K	1200	84	6240-01-462-1449
EFT20E50	Tubular	20	75	5000°K	1150	88	6240-01-462-1452
EFG25E28	Globe	25	90	2800°K	1370	84	6240-01-462-1453
EFG25E50	Globe	25	90	5000°K	1320	88	6240-01-462-1481
EFT28E28	Tubular	28	100	2800°K	1750	84	6240-01-462-1485
EFT28E50	Tubular	28	100	5000°K	1680	88	6240-01-462-1488
*Medium screw base, based on ANSI = E26/24 based on IEC standards							

SPECIAL ORDER COLOR COLLECTION SPECIFICATIONS
Rated life = 10,000 hours - 120 Volts - Medium Base*
Start Temp. = -22°F

Ordering Code	Shape	Rated Watts (w)	Equiv. Incandescent Lamp (w)	Color	Initial Lumens (lm)	NSN
EFG15EP	Globe	15	60	Pink	640	6240-01-462-1517
EFG15ER	Globe	15	60	Red	530	6240-01-462-1518
EFG15EG	Globe	15	60	Green	1100	6240-01-462-1519
EFT15EB	Globe	15	60	Blue	320	6240-01-462-1522
· Medium screw base, based on ANSI = E26/24 based on IEC standards						

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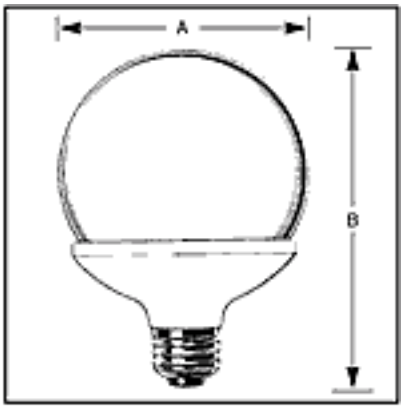
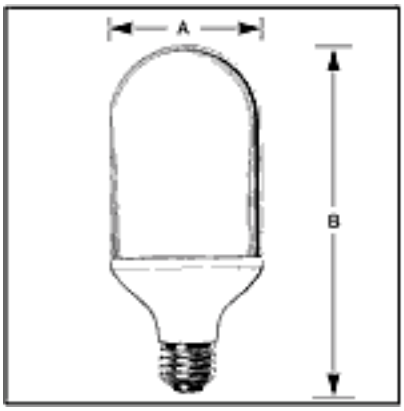
HIGH POWER QUALITY COLLECTION SPECIFICATIONS
Rated life = 10,000 hours - 120 Volts - Medium Base*
Start Temp. = -22°F Power Factor >= 90%

Ordering Code	Shape	Rated Watts (w)	Equiv. Incandescent Lamp (w)	Color	Initial Lumens (lm)	CRI	NSN
EFT15E28.UHD	Tubular	15	60	2800°K	810	84	6240-01-462-1853
EFT20E28.UHD	Tubular	20	75	2800°K	1100	84	6240-01-462-1854
* Medium screw base, based on ANSI = E26/24 based on IEC standards				THD	EFT15E28.UHD <= 25% THD EFT20E28.UHD <= 30% THD		

Dimensions

Ordering Code	Diameter In. (A)	Length In. (B)	Shape
EFG10E28	3 3/4	5 1/8	Globe
EFG15E28	3 3/4	5 1/8	Globe
EFG15E50	3 3/4	5 1/8	Globe
EFT15E28	2 3/8	5 5/16	Tubular
EFT15E50	2 3/8	5 5/16	Tubular
EFT20E28	2 3/8	6 3/16	Tubular
EFT20E50	2 3/8	6 3/16	Tubular
EFG25E28	3 3/4	5 5/16	Globe
EFG25E50	3 3/4	5 5/16	Globe
EFT28E28	2 3/4	6 21/32	Tubular
EFT28E50	2 3/4	6 21/32	Tubular
EFG15EP	3 3/4	5 1/8	Globe
EFG15ER	3 3/4	5 1/8	Globe
EFG15EG	3 3/4	5 1/8	Globe
EFG15EB	3 3/4	5 1/8	Globe
EFT15E28.UHD	2 3/8	5 5/16	Tubular
EFT20E28.UHD	2 3/8	6 3/16	Tubular





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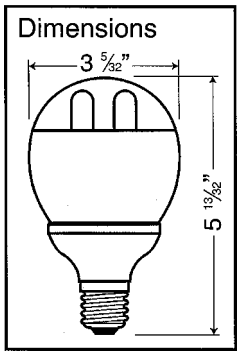
These compact, high-performance bulbs are designed to provide an energy-efficient alternative for light sockets once traditionally reserved for 60-watt incandescent reflector bulbs.
Panasonic's UL Listed Energy Saving Reflector Lamps install easily and incorporate a unique reflector design that efficiently controls the spread of light to maximize visual quality and comfort for ambient and accent lighting techniques.

The 15-watt Reflector Lamps are ideal for use in decorative applications, downlighting applications, are particularly well suited for retail display locations, foyers, hallways and any interior space demanding precise light control and high color rendering
Panasonic Energy Saving Reflector Lamps are engineered to provide stable and uniform light output with no glare nor any flicker, and are available in 2800K to provide a soft, warm glow comparable to incandescent light.



- **Consumes 70% less energy than incandescent alternatives**
- **Generates less heat, reducing air conditioning load**
- **1 0,000-hours rated service life**
- **Low profile**
- **Light weight**
- **Excellent color rendition 84 CRI**
- **Operating temperatures between -22°F and 122°F**
- **Reliable electronic ballast**
- **Lights instantly, no flicker**
- **Corrosion-resistant nickel plated base**

Ordering Code	Shape	Rated Watts (w)	Equiv. Incandescent Lamp (w)	Color	Initial Lumens (lm)	CRI	Illuminan-ce Rate* (%)	NSN
EFG15E28R	Globe	15	60	2800°K	550	84	127	6240-01-464-2284

* Illuminance rate vs regular EFG15E28
* Medium screw base, based on ANSI = E26/24 based on IEC standards