

# Philips Marathon<sup>®</sup> Energy Saver Dimmable

featuring ALTO<sup>®</sup> Lamp Technology



***Ideal for sockets controlled by standard incandescent dimmers, timers, or sensors***

## ▶ Dimmable

User control of light levels down to 10%, which allows flexibility in lighting design

## ▶ Provides Soft, White Light

## ▶ Amalgam Technology

Provides stable light output over a broad range of temperatures and operating positions for indoor and outdoor applications

## ▶ Super Long Life

Lasts 7 years, based on 3–4 hours average daily usage, 7 days per week (up to 8 times longer than standard incandescent lamps)

## ▶ Terrific Energy Savings

Saves up to \$44 over the life of the lamp compared to standard incandescent lamps<sup>1</sup>—a real impact to your bottom line!

## ▶ Featuring ALTO<sup>®</sup> Lamp Technology

Low mercury and TCLP<sup>2</sup>-compliant

1) Energy savings based on 8,000 hours per year at \$0.10 kW/hr.

2) The TCLP is the US EPA's Toxicity Characteristic Leaching Procedure.



# PHILIPS

**Philips Marathon™ Energy Saver Dimmable**  
**Electrical, Technical and Ordering Data** (Subject to change without notice)

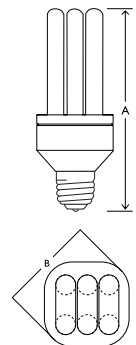
Product Number	Description	Volts	Nom. Watts	Approx. Incand. Equiv.	Base	Color Temp. (Kelvin)	CRI	Approx. Initial Lumens <sup>1</sup>	MOL (In.)	Rated Avg. Life (Hrs.) <sup>2</sup>	Lamp Current (mAmps)	Power Factor	Min. Starting Temp.	Max. Ambient Temp.
● I4645-6	Energy Saver Dimmable EL/ES Dim 16 ALTO	120	16	60W A19	Medium	2700	82	800	4 <sup>3</sup> / <sub>2</sub>	8000	200	0.5 to 0.7	-10°F/-20°C	140°F/60°C
● I4646-4	Energy Saver Dimmable EL/ES Dim 20 ALTO	120	20	75W A19	Medium	2700	82	1050	5 <sup>1</sup> / <sub>6</sub>	8000	200	0.5 to 0.7	-10°F/-20°C	140°F/60°C

**Shipping Data** (Subject to change without notice)

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.)
● I4645-6	I46450	I46455	6	2	.122	2016	336	6	2.18 x 2.18 x 5.25	5 x 7 x 6	38.4 x 42.3 x 42
● I4646-4	I46467	I46462	6	2	.122	2016	336	6	2.18 x 2.18 x 5.25	5 x 7 x 6	38.4 x 42.3 x 42

1) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life under standard laboratory conditions.  
2) Average 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.  
● This product utilizes ALTO® Lamp Technology. ALTO products pass the US EPA's Toxicity Characteristic Leaching Procedure (TCLP) and can be classified as non-hazardous waste. Check with state and local regulations.

Marathon® Bulb Type	Table/Floor Lamp	Outdoor Postlight	Wall Sconce	Surface Mount	Reading Lamp	Border Lights	Recessed Fixture	Open Hanging	Vanity Strip
Decorative Twister	●		●		●			●	
Universal	●	●	●	●	●	●	●	●	
Table Lamps	●		●	●	●			●	
<b>Dimmable</b>	●		●	●	●			●	
3-Way	●								
Reflector Flood							●	●	
Dimmable Reflector Flood							●	●	
Candle		●	●		●				
Vanity & Décor Globe								●	●
Soft White Plus	●	●	●		●	●		●	
Outdoor		●				●		●	
Bug-A-Way		●						●	
Circline Adapter System	●							●	



**Lamp Dimensions**

	16W	20W
<b>MOL A</b>	4.96"	5.66"
<b>Max. Diameter B</b>	1.92"	1.92"

**CAUTION:** Risk of electric shock—do not use where directly exposed to water, rain or snow.

This product is designed for use with dimmers, photocells, and switching devices marked "incandescent only."

This product complies with Part 18 of the FCC rules. These products may cause interference with radios, cordless telephones, and remote control devices. Interference may cease after a brief 90 second lamp warm-up period. If interference continues, relocate the lamp away from the device or plug into a different outlet.

† These fluorescent lamp are better for the environment because of their reduced mercury content. All fluorescent lamps contain mercury for effective operation, however; Philips lamps with ALTO® Lamp Technology average 70% less mercury than the 2001 industry average for fluorescent lamps up to sixty inches which are not TCLP-compliant.

**Energy Cost Savings Over Life**

20W Marathon® Dimmable vs. 75W Standard Incandescent Lamps Operated for an Equivalent Number of Hours

Energy savings based on \$.10 kW/hr

■ 75W Incandescents ■ 20W Marathon Dimmable

