

**Appendix J – Lighting Selection**

This appendix contains the cut sheets and other data for the manufacturer information provided for the lighting fixtures and lamps used as a part of the lighting breadth work. There is data from Philips and Lightolier included.

Please see the all the lighting information on the following pages.

# DuraMax™

**LONG LIFE** **SOFT WHITE**



**Ideal for table and floor lamps**

▶ **Lasts At Least One Year!\***

Tired of changing light bulbs that burn out too frequently? DuraMax™ Soft White light bulbs now last at least one year!

▶ **Provides Soft White Light**

Ideal for use in table and floor lamps.

▶ **Consumer Friendly Packaging**

Fresh, new packaging graphics make life, lumen and wattage information easy to find and read.

▶ **Full Family of Products**

Available in a variety of wattages, as well as popular 3-Way versions.

\* See back page for details.



# PHILIPS

## DuraMax™ Long Life Soft White

Electrical, Technical and Ordering Data (Subject to change without notice)

DuraMax Product Number	Previous Product Number	Product Description	Bulb Finish	Nominal Watts	Bulb Type	Base Type	Volts	Published Lumens	Rated Avg Life (Hrs.)	Life, In Years*	M.O.L (In.)	Operating Position
<b>A-Line Single Wattages</b>												
168609	302562	15A/WL 120V 12/2	Soft White	15	A-15	MED.	120	115	3000	2	3 1/2	ANY
168682	204339	25A/WL 120V 12/2	Soft White	25	A-19	MED.	120	235	3000	2	4 7/16	ANY
168690	263723	40A/WL 120V 12/4	Soft White	40	A-19	MED.	120	475	1500	1	4 7/16	ANY
167379	297754	40A/WL 120V 24/4	Soft White	40	A-19	MED.	120	475	1500	1	4 7/16	ANY
168740	263764	60A/WL 120V 12/4	Soft White	60	A-19	MED.	120	830	1500	1	4 7/16	ANY
167387	266023	60A/WL 120V 24/4	Soft White	60	A-19	MED.	120	830	1500	1	4 7/16	ANY
168765	312140	60A/WL/TP SR2 120V 12/8	Soft White	60	A-19	MED.	120	830	1500	1	4 7/16	ANY
168799	263814	75A/WL 120V 12/4	Soft White	75	A-19	MED.	120	1040	1500	1	4 7/16	ANY
167395	266031	75A/WL 120V 24/4	Soft White	75	A-19	MED.	120	1040	1500	1	4 7/16	ANY
168815	312157	75A/WL/TP SR2 120V 12/8	Soft White	75	A-19	MED.	120	1040	1500	1	4 7/16	ANY
168625	263822	100A/WL 120V 12/4	Soft White	100	A-19	MED.	120	1550	1500	1	4 7/16	ANY
167403	266064	100A/WL 120V 24/4	Soft White	100	A-19	MED.	120	1550	1500	1	4 7/16	ANY
168633	312173	100A/WL/TP SR2 120V 12/8	Soft White	100	A-19	MED.	120	1550	1500	1	4 7/16	ANY
168666	204438	150A/WL 120V 12/1	Soft White	150	A-21	MED.	120	2310	2000	1	5 5/16	ANY
168674	389395	200A/WL 120V 6/1	Soft White	200	A-21	MED.	120	3300	1500	1	5 5/16	ANY
168674	204479	200A/WL 120V 6/1	Soft White	200	A-21	MED.	120	3300	1500	1	5 5/16	ANY
<b>Case Pk—Single Wattage</b>												
168773	391540	60A/WL 120V 120/4	Soft White	60	A-19	MED.	120	830	1500	1	4 7/16	ANY
168823	389403	75A/WL 120V 120/4	Soft White	75	A-19	MED.	120	1040	1500	1	4 7/16	ANY
168641	389387	100A/WL 120V 120/4	Soft White	100	A-19	MED.	120	1550	1500	1	4 7/16	ANY
<b>Display—Single Wattage</b>												
167189	291716	PAM60AWL 60/75/100 120V 1/240	Soft White	60, 75, 100	A-19	MED.	120	830, 1040, 1550	1500	1	4 7/16	ANY
<b>A-Line—3-Way Wattages</b>												
169474	204511	30/100A/WL 120V 12/1	Soft White	30/70/100	A-21	3CT. MED.	120	285/920/1205	1750	1	5 5/16	BASE DOWN
169482	204537	50/150A/WL 120V 12/1	Soft White	50/100/150	A-21	3CT. MED.	120	575/1440/2015	1750	1	5 5/16	BASE DOWN
169565	293597	50/150A/WL 120V 12/2	Soft White	50/100/150	A-21	3CT. MED.	120	575/1440/2015	1750	1	5 5/16	BASE DOWN
169532	267963	50/150A/WL 120V 4/3	Soft White	50/100/150	A-21	3CT. MED.	120	575/1440/2015	1750	1	5 5/16	BASE DOWN
169490	204545	50/250A/WL 120V 12/1	Soft White	50/200/250	A-21	3CT. MED.	120	575/3120/3695	1750	1	5 5/16	BASE DOWN
<b>Display—3 Way Wattage</b>												
167171	277533	50/150A/WL 120V 48/1	Soft White	50/100/150	A-21	3CT. MED.	120	575/1440/2015	1750	1	5 5/16	BASE DOWN

## Shipping Data (Subject to change without notice)

DuraMax Product Number	Product Description	UPC Code	Outer Bar Code	Lamps Per SKU	Case Qty. Per SKU	Case Wt. (lbs.)	Case Cube (cu. ft.)	Pallet Qty. Per Case	Pallet Wt. (lbs.)	Pallet Cube (cu. ft.)	SKUs Per Layer	Layers High	SKU Dimension (in.) W x D x H	Case Dimension (in.) W x D x H	Pallet Dimension (in.) W x D x H	
<b>A-Line Single Wattages</b>																
168609	15A/WL 120V 12/2	16860 5	16860 0	2	12/2	2	0.22	2520	210	42.00	46.20	252	10	3.4 x 2.1 x 3.6	13.1 x 7.1 x 4.2	49.4 x 39.2 x 41.9
168682	25A/WL 120V 12/2	16868 1	16868 6	2	12/2	2	0.39	1800	150	30.00	58.50	180	10	3.9 x 2.6 x 4.6	16.1 x 8.1 x 5.2	48.4 x 40.7 x 51.9
168690	40A/WL 120V 12/4	16869 8	16869 3	4	12/4	4	0.65	1008	84	33.60	54.60	144	7	4.9 x 2.5 x 6.5	15.4 x 10.4 x 7.0	46.1 x 41.5 x 49.0
167379	40A/WL 120V 24/4	16869 8	16737 5	4	24/4	9	1.25	864	36	32.40	45.00	288	3	4.9 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168740	60A/WL 120V 12/4	16874 2	16874 7	4	12/4	4	0.65	1008	84	33.60	54.60	144	7	4.9 x 2.5 x 6.5	15.4 x 10.4 x 7.0	46.1 x 41.5 x 49.0
167387	60A/WL 120V 24/4	16874 2	16738 2	4	24/4	9	1.25	864	36	32.40	45.00	288	3	4.9 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168765	60A/WL/TP SR2 120V 12/8	16876 6	16876 1	8	12/8	9	1.25	432	36	32.40	45.00	144	3	9.8 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168799	75A/WL 120V 12/4	16879 7	16879 2	4	12/4	4	0.65	1008	84	33.60	54.60	144	7	4.9 x 2.5 x 6.5	15.4 x 10.4 x 7.0	46.1 x 41.5 x 49.0
167395	75A/WL 120V 24/4	16879 7	16739 9	4	24/4	9	1.25	864	36	32.40	45.00	288	3	4.9 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168815	75A/WL/TP SR2 120V 12/8	16881 0	16881 5	8	12/8	9	1.25	432	36	32.40	45.00	144	3	9.8 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168625	100A/WL 120V 12/4	16862 9	16862 4	4	12/4	4	0.65	1008	84	33.60	54.60	144	7	4.9 x 2.5 x 6.5	15.4 x 10.4 x 7.0	46.1 x 41.5 x 49.0
167403	100A/WL 120V 24/4	16862 9	16740 5	4	24/4	9	1.25	864	36	32.40	45.00	288	3	4.9 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168633	100A/WL/TP SR2 120V 12/8	16863 6	16863 1	8	12/8	9	1.25	432	36	32.40	45.00	144	3	9.8 x 2.5 x 6.5	15.4 x 10.4 x 13.5	46.1 x 41.5 x 40.5
168666	150A/WL 120V 12/1LP	16866 7	16866 2	1	12/1	1.9	0.38	1536	128	243.2	48.64	192	8	2.8 x 2.8 x 5.4	11.9 x 9.1 x 6.1	47.5 x 36.2 x 49.0
168674	200A/WL 120V 6/1	16867 4	16867 9	1	6/1	1.4	0.20	1536	256	358.4	51.20	192	8	2.8 x 2.8 x 5.4	9.2 x 6.1 x 6.1	49.0 x 36.8 x 49.0
<b>Case Pk—Single Wattage</b>																
168773	60A/WL 120V 120/4	16874 2	16877 8	4	120/4	43	6.87	720	6	258.0	41.22	720	1	4.9 x 2.5 x 6.5	21.0 x 16.8 x 33.8	50.3 x 42.0 x 33.8
168823	75A/WL 120V 120/4	16879 7	16882 2	4	120/4	43	6.87	720	6	258.0	41.22	720	1	4.9 x 2.5 x 6.5	21.0 x 16.8 x 33.8	50.3 x 42.0 x 33.8
168641	100A/WL 120V 120/4	16862 9	16864 8	4	120/4	43	6.87	720	6	258.0	41.22	720	1	4.9 x 2.5 x 6.5	21.0 x 16.8 x 33.8	50.3 x 42.0 x 33.8
<b>Display—Single Wattage</b>																
167189	PAM60AWL 60/75/100 120V 1/240	**	16718 4	4	60/4	22.6	3.22	720	12	271.2	38.64	180	4	4.9 x 2.5 x 6.5	32.9 x 15.4 x 11.0	46.1 x 32.9 x 44.0
<b>A-Line—3 Way Wattages</b>																
169474	30/100A/WL 120V 12/1	16947 3	16947 8	1	12/1	1.9	0.38	1536	128	243.2	48.64	192	8	2.8 x 2.8 x 5.4	11.9 x 9.1 x 6.1	47.5 x 36.2 x 49.0
169482	50/150A/WL 120V 12/1	16948 0	16948 5	1	12/1	1.9	0.38	1536	128	243.2	48.64	192	8	2.8 x 2.8 x 5.4	11.9 x 9.1 x 6.1	47.5 x 36.2 x 49.0
169565	50/150A/WL 120V 12/2	16956 5	16956 0	2	12/2	3	0.56	1152	96	288.0	53.76	144	8	4.3 x 2.8 x 5.6	13.1 x 12.1 x 6.1	48.2 x 39.2 x 49.0
169532	50/150A/WL 120V 4/3	16953 4	16953 5	3	4/3	1.9	0.38	1536	128	243.2	48.64	64	8	2.8 x 2.8 x 5.4	11.9 x 9.1 x 6.1	47.5 x 36.2 x 49.0
169490	50/250A/WL 120V 12/1	16949 7	16949 2	1	12/1	1.9	0.38	1536	128	243.2	48.64	192	8	2.8 x 2.8 x 5.4	11.9 x 9.1 x 6.1	47.5 x 36.2 x 49.0
<b>Display—3 Way Wattage</b>																
167171	50/150A/WL 120V 48/1	16948 0	16717 7	1	48/1	10.6	2.59	720	15	159.0	38.85	144	5	2.8 x 2.8 x 5.4	14.8 x 11.9 x 17.3	47.8 x 41.6 x 51.9

\* Based on 4 hours usage per day/7 days per week

\*\* See "Case Pk—Single Wattage" for UPC code of each product.



# Marathon™

**ENERGY SAVER  
TABLE LAMP**



***Ideal for table and standing  
floor lamps***

▶ **Provides Soft, White Light**

▶ **Fits into Standard  
Incandescent Sockets**

▶ **Super Long Life**

Lasts 5 years, based on 3–4 hours average daily usage, 7 days per week (up to 7 times longer than standard incandescent lamps)

▶ **Energy Savings**

Saves up to 70% in electricity costs compared to standard incandescent lamps

▶ **ENERGY STAR® Qualified**

For more information on ENERGY STAR, visit [www.energystar.gov](http://www.energystar.gov)



# PHILIPS

# Marathon™ Table Lamp

Electrical, Technical and Ordering Data (Subject to change without notice)

Product Number	Description	Volts	Nom. Watts	Approx. Incand. Equiv./Lumens	Base	Color Temp. (Kelvin)	CRI	Approx. Initial Lumens	MOL (In.)	Rated Avg. Life (Hrs.) <sup>1</sup>	Min. Starting Temp. (°F) <sup>2</sup>	Max. Ambient Temp. (°F)	Lumen Maint. <sup>3</sup>
37082-5	Marathon Table Lamp EL/T 34	120	34	120W/1848	Med. (E26)	2700K	82	2100	6.2	7000	-10°F/-20°C	120°F/48°C	85%
37084-1	Marathon Table Lamp BC-EL/T 34	120	34	120W/1848	Med. (E26)	2700K	82	2100	6.2	7000	-10°F/-20°C	120°F/48°C	85%
37086-6	Marathon Table Lamp BC-EL/T 34 Canada	120	34	120W/1848	Med. (E26)	2700K	82	2100	6.2	7000	-10°F/-20°C	120°F/48°C	85%

## 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.)
37082-5	37082-4	37082-9	6	2.0	0.20	1440	240	6	2.6 x 2.6 x 6.3	5.8 x 8.3 x 7.3	45.5 x 41.5 x 43.9
37084-1	37084-8	37084-3	6	3.0	0.67	384	96	4	5.36 x 2.69 x 9.91	6.1 x 18.1 x 10.6	36.3 x 48.5 x 42.3
37086-6	37084-8	37086-7	6	3.0	0.67	384	96	4	5.36 x 2.69 x 9.91	6.1 x 18.1 x 10.6	36.3 x 48.5 x 42.3

- 1) Do not use in recessed cans or totally enclosed indoor fixtures. Use base down only.
- 2) Suitable for indoor or outdoor use down to -10°F. UL listed for damp locations. Outdoor use requires an enclosed or weather-protected fixture.
- 3) Percentage of initial lumens at 40% of rated average life (2800 hours).

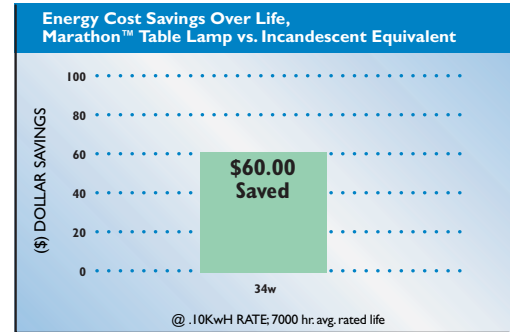
Marathon™	Bulb Shape	Wattage Comparison*	Table/Floor Lamps	Outdoor Post Lights	Wall Sconce	Surface Mount	Enclosed Indoor Fixture	Reading Lamp	Border Lights	Recessed Lighting	Open Hanging	Bare Bulb	Vanity Strip
UNIVERSAL	15/20/25 = 60/75/100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DECO TWISTER	15/20/23 = 60/75/90	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MINI-DECO TWISTER	15 = 60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HOUSEHOLD	20 = 75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MINI-HOUSEHOLD	16 = 60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3-WAY	18/26/34 = 60/90/150	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DIMMABLE	15/20/23 = 60/75/90	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
TABLE	34 = 120	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OUTDOOR	15 = 60 18 = 75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BUG-A-WAY	15 = 60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
FLOOD	15 = 65 20 = 85	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
REFLECTOR FLOOD	16 = 65	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DIMMABLE FLOOD	20 = 85	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DÉCOR GLOBE	16 = 75 20 = 100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VANITY GLOBE	12 = 40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Comparison shows Marathon wattage(s) and their equivalent to standard incandescent bulb wattages(s).

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

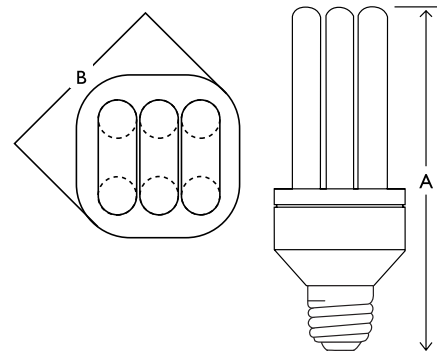
Before using this product with electronic timing or photocell devices, check to determine whether device is compatible with electronic compact fluorescent lamps. Use with incompatible devices will cause premature lamp failure. Do not use in recessed cans or totally enclosed indoor fixtures. Use base down 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.



## Lamp Dimensions

	EL/T 34
MOL A	6.2" / 157 mm
Max. Diameter B	2.6" / 66 mm
Weight (oz./g)	4.8 oz. / 135 g
Lamp Harp Fit	9"





# Philips Marathon® Energy Saver Decorative Twister



***Ideal for light fixtures where a smaller bulb size is desired, including table lamps, wall sconces and open ceiling fixtures***

▶ **Similar Light Output as Standard Incandescent Light Bulbs**

▶ **Compact Size**

Reduced size fits many smaller fixtures

▶ **Instant On**

Excellent starting performance and fast light run-up time

▶ **Super Long Life**

Lasts 6 years, based on 3–4 hours average daily usage, 7 days per week (up to 13 times longer than standard incandescent lamps)

▶ **Terrific Energy Savings**

Saves up to \$86 over the life of the lamp compared to standard incandescent lamps<sup>1</sup>—a real impact to your bottom line!

▶ **ENERGY STAR® Qualified<sup>2</sup>**

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

2) As an ENERGY STAR® Partner, Philips has determined that these products meet the ENERGY STAR guidelines for energy efficiency.



# PHILIPS

**Philips Marathon™ Energy Saver Decorative Twister**  
**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.)	Diam. (In.)	Rated Avg. Life (Hrs.) <sup>2</sup>	Power Factor	Lamp Current (mAmps)	Min. Starting Temp.	Max. Ambient Temp.
13804-0	Mini Dec Twister EL/mdT 11W	120	11	40A19	Med.	2700K	82	675	4%	2.65	8000	.50-60	150	-10°F/-20°C	120°F/48°C
13581-4	Mini Dec Twister EL/mdT 15W	120	15	60A19	Med.	2700K	82	900	4%	2.65	10,000	.50-60	220	-10°F/-20°C	120°F/48°C
13805-7	Mini Dec Twister EL/mdT 20W	120	20	75A19	Med.	2700K	82	1250	5%	2.65	10,000	.50-60	290	-10°F/-20°C	120°F/48°C
13715-8	Mini Dec Twister EL/mdT 27W	120	27	100A19	Med.	2700K	82	1750	5%	3.00	10,000	.50-60	390	-10°F/-20°C	120°F/48°C
13948-5	Decorative Twister EL/dT 42W	120	42	150A19	Med.	2700K	82	2600	7%	3.20	8000	.50-60	390	-10°F/-20°C	120°F/48°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.)
13804-0	138042	138047	6	1.2	.55	540	108	5	5.0 x 2.7 x 8.1	5.75 x 18.6 x 8.9	48.8 x 40 x 44.7
13581-4	135812	135817	6	1.2	.55	540	108	5	5.0 x 2.7 x 8.1	5.75 x 18.6 x 8.9	48.8 x 40 x 44.7
13805-7	138059	138054	6	1.2	.55	540	108	5	5.0 x 2.7 x 8.1	5.75 x 18.6 x 8.9	48.8 x 40 x 44.7
13715-8	137151	137156	6	1.2	.55	540	108	5	5.0 x 2.7 x 8.1	5.75 x 18.6 x 8.9	48.8 x 40 x 44.7
13948-5	139483	139488	6	2.7	.93	240	60	4	6.9 x 3.2 x 9.6	10.3 x 21 x 7.3	43.1 x 36.3 x 41

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.  
ENERGY STAR®

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	●	●	●	●	●	●	●	●	●
Dimmable	●	●	●	●	●	●	●	●	●
3-Way	●	●	●	●	●	●	●	●	●
Reflector Flood	●	●	●	●	●	●	●	●	●
Dimmable Reflector Flood	●	●	●	●	●	●	●	●	●
Candle	●	●	●	●	●	●	●	●	●
Vanity & Décor Globe	●	●	●	●	●	●	●	●	●
Soft White Plus	●	●	●	●	●	●	●	●	●
Outdoor	●	●	●	●	●	●	●	●	●
Bug-A-Way	●	●	●	●	●	●	●	●	●
Circline Adapter System	●	●	●	●	●	●	●	●	●



**Lamp Dimensions**

	11W	15W	20W	27W	42W
MOL A	4.49"	4.49"	5.24"	5.43"	7.08"
Max. Diameter B	2.65"	2.65"	2.65"	3.00"	3.20"

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

Before using this product with electronic timing or photocell devices, check to determine whether device is compatible with electronic compact fluorescent lamps. Use with incompatible devices will cause premature lamp failure. Do not use in totally enclosed indoor fixtures.

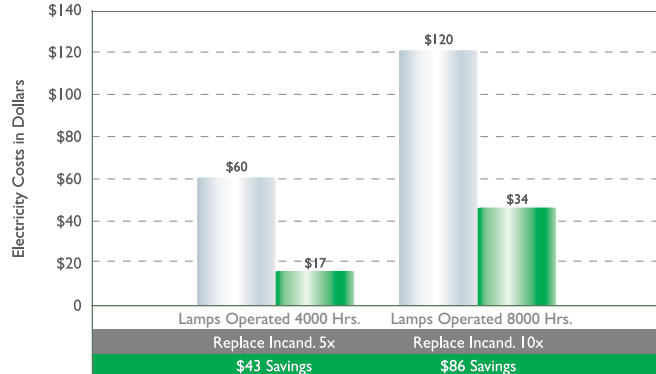
This product complies with Part 18 of the FCC rules. These products may cause interference with radios, cordless telephones, and remote control devices. Interference may cease after a brief 90 second lamp warm-up period. If interference continues, relocate the lamp away from the device or plug into a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

**Energy Cost Savings Over Life**

42W Marathon® Twister vs. 150W Standard Incandescent Lamps Operated for an Equivalent Number of Hours

Energy savings based on \$.10 kW/hr

150W Incandescents 42W Marathon Twister



# SILHOUETTE™ Series T5 Circular Fluorescent Lamps

Ultra-slim lamps with improved color rendering, higher efficacy and longer life



*Ideal for decorative  
and architectural lighting*



## ▶ Slim Profile Lamp and Ballast

- T5 diameter tube, available in 9" and 12" sizes
- Fixtures can be 45% smaller than T9 Circline systems

## ▶ Trichromatic Phosphors

- 85 CRI
- 85% lumen maintenance
- Available in 3000, 3500 and 4100K

## ▶ High Lamp Efficacy

- Up to 83 lumens per watt

## ▶ 33% Longer Life than T9 Circline Lamps

- 16,000 hours rated average life

## ▶ Operates on Programmed Start Electronic Ballasts

- High system efficacy
- Quiet, flicker-free operation
- Dimmable

# PHILIPS



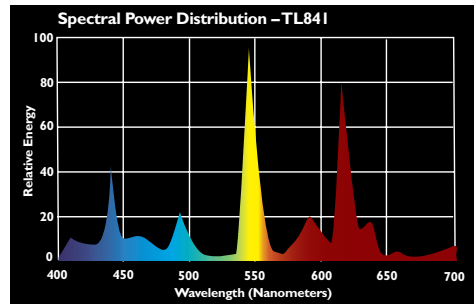
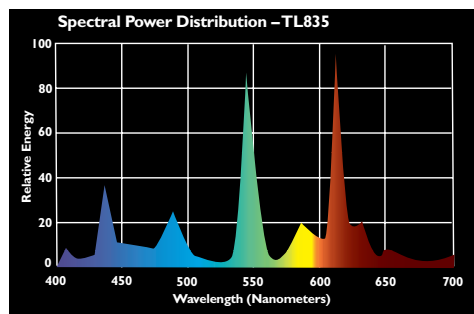
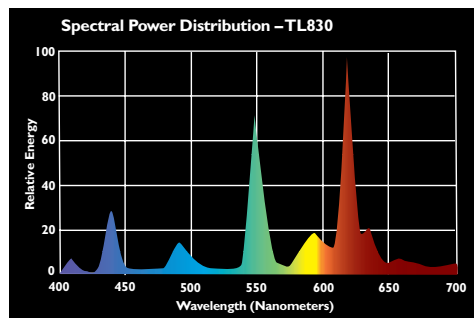
## SILHOUETTE™ Series Circular Fluorescent Lamps

Electrical, Technical and Ordering Data (Subject to change without notice)

Product Number	Description	Nominal Watts	Bulb	Base	Std. Pkg. Qty.	Color Temp. (K)	Color Rendering (CRI)	Max. Outer Diameter (Inches)	Rated Life (Hours) <sup>(1)</sup>	Initial Lumens	Design Lumens <sup>(2)</sup>
29010-6	FC9T5/830	22	T5	2GX13	10	3000	85	9	16,000	1800	1530
29011-4	FC9T5/835	22	T5	2GX13	10	3500	85	9	16,000	1800	1530
29012-2	FC9T5/841	22	T5	2GX13	10	4100	85	9	16,000	1800	1530
29014-8	FC12T5/830	40	T5	2GX13	10	3000	85	12	16,000	3300	2805
29016-3	FC12T5/835	40	T5	2GX13	10	3500	85	12	16,000	3300	2805
29017-1	FC12T5/841	40	T5	2GX13	10	4100	85	12	16,000	3300	2805

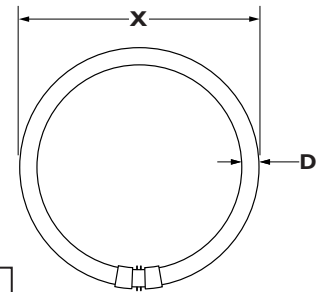
(1) Average rated life under specified test conditions with lamps turned off and restarted once every 3 operating hours.  
 (2) Approximate lumens at 40% of rated average life (6400 Hours).

### Spectral Power Distribution



### Lamp Dimensions

Lamp Type	X		D	
	inches	mm	inches	mm
FC9T5	8.8	225.0	0.63	16.0
FC12T5	11.79	300.0	0.63	16.0

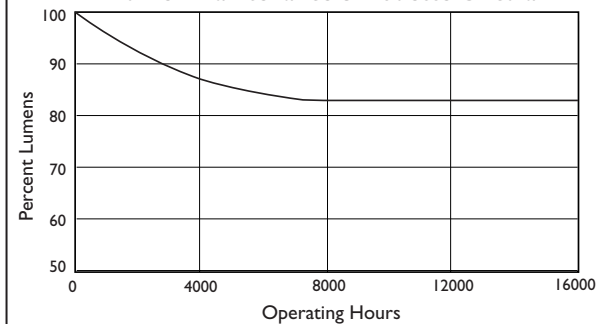


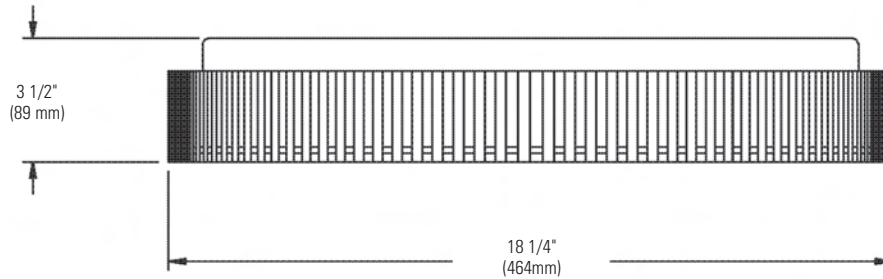
### SILHOUETTE Lamp Specification

Lamps shall be Philips Silhouette Circular T5 lamps having:

- ▶ Color rendering index of 85
- ▶ T5 diameter bulb
- ▶ 2GX13 bases
- ▶ Color temperature of \_\_\_\_\_ K (3000, 3500 or 4100)
- ▶ Initial lumens of \_\_\_\_\_ (1800 or 3300)
- ▶ Design lumens of \_\_\_\_\_ (1530 or 2805)
- ▶ Nominal wattage of \_\_\_\_\_ (22 or 40)
- ▶ Powered by electronic ballasts

### Lumen Maintenance Silhouette Circular





**Ordering Guide (complete unit only)**

Cat. No.	Lamp (circular)	Volt	Finish
SL203APZU	1-22W / 1-40W CT5	120/277V	Anodized Aluminum & Sand Blasted Glass

**Features**

- Form:** Round form fabricated from slitted corrugated anodized aluminum. Slits hold the sand blasted glass and reflector element. The illuminated edge of the glass is visible through the corrugations.
- Glass:** Center sand blasted glass with clear outer ring. Image of lamps seen through the glass to create a geometric pattern on the wall or ceiling.
- Housing:** Spun painted steel construction. Mounting plate houses the ballast and lamp sockets.

**Mounting**

**Mounting:** Surface mounting to wall or ceiling surfaces.

**Lamp Change:** Fluted housing simply twists-off. Held in place by 3 locking pins.

**Luminaire Weight:** 10.5 lbs.

**Electrical**

**Ballast:** Electronic Program Rapid Start T5 circular lamps ballast. Universal voltage "U" ballast automatically detect 120 volts or 277 volts operation. Ballast use cathode heater shut-off to increase T5 round lamp life.

**Lampholder:** 2GX13 base, 4 Pin.

**Options and Accessories**

**Double Switching:** Consult your Lightolier representative for more information.

**Perforated Form:** Consult your Lightolier representative for more information.

**Dimming Ballast:** Consult your Lightolier representative for more information.

**Finish**

Anodized corrugated aluminum sheet with precise flutes. All painted parts are with powder coat paint process.

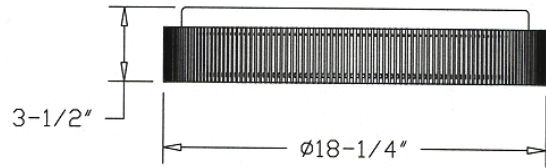
**Labels**

UL "c/us" Listed. Suitable for damp locations.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

INSTALLATION INSTRUCTIONS

READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING  
Turn off electricity at fuse box before proceeding. Consult a qualified electrician to ensure that this luminaire is installed with the local application code.  
RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.



1. POSITION THE SCREWS ON THE OCTAGONAL BOX.
2. GROUND THE LUMINAIRE WITH THE GREEN WIRES. CONNECT THE WHITE (NEUTRAL) WIRES TOGETHER AND THE BLACK (120V OR 277V) OR RED (347V) TOGETHER.
3. INSTALL THE LUMINAIRES OVER THE OCTAGONAL BOX.
4. INSTALL THE LAMPS IN THE LUMINAIRE.
5. ALIGN THE PIN IN THE CANOPY WITH THE SLOT ON THE GLASS HOUSING PUSH UP AND TURN TO LOCK.

