

SYLVANIA Lamps

TruWave® Technology G25

TruWave® Technology

TruWave® Technology offers the best alternative to natural light by mimicking the natural light spectrum, all while saving energy.

Benefits and Features

- Controls blue wavelengths for lower glare and reduced eye strain to improve readability and supports an improved sleep-wake cycle
- Perfect fit where clean light color rendering is needed for seeing realistic, vivid colors without sacrificing light output
- Properly saturates red to make building spaces and flesh tones accurate and vibrant, without oversaturating (which compromises energy efficiency)
- Exceptional color quality without the loss of efficacy typical of most 90+ CRI solutions
- Up to 109 LPW
- 2700K, 3500K, and 5000K color temperatures

Electrical

- 120VAC
- Power factor >0.90
- Dimmable down to 10%

Rated Life

- 15,000 hours (L₇₀)

Warranty

- 5 year limited lamp warranty (3 hours per day operation)

Ambient Operating Range

- -4°F to 113°F (-20°C to 45°C)



TruWave®

Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
Incandescent	40	4.5	\$58.58
Incandescent	60	6	\$89.10
Incandescent	75	8	\$110.55
Incandescent	100	11	\$146.85

Certifications and Listings

- cULus
- cETLus
- RoHS
- Lead Free
- FCC*
- California Title 20

*FCC Title 47 CFR, Part 15 Subpart B Class B



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

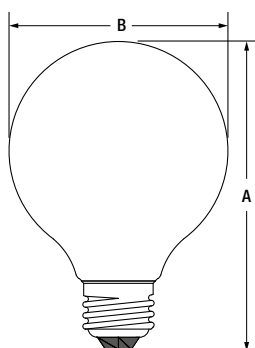
LED	XX	G25	DIM	9	XX	XX	13Y	TL	RP2
LED	Wattage 2.5 = 2.5 Watts 3.5 = 3.5 Watts 4.5 = 4.5 Watts 5 = 5 Watts 5.5 = 5.5 Watts 6 = 6 Watts 8 = 8 Watts 11 = 11 Watts	Lamp Type G25	DIM = Dimmable	CRI 9 = 90	Color Temperature 27 = 2700K 35 = 3500K 50 = 5000K	Bulb Finish CL = Clear F = Frosted	Lamp Life 13Y = 13 Year Life	TL = TruWave® Technology	RP2 = 2PK Retail

Ordering Information

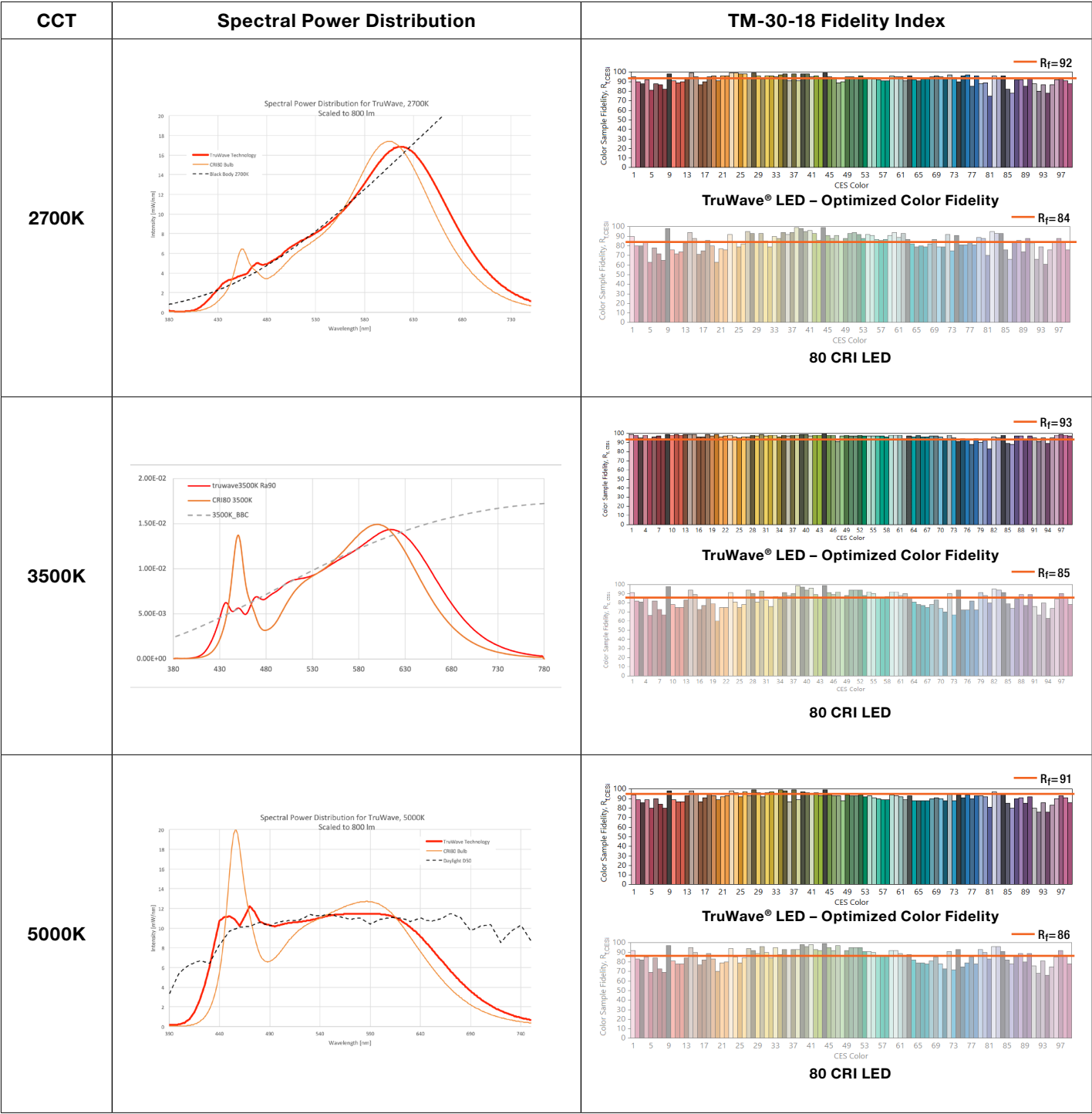
Item Number	Ordering Abbreviation	Power (W)	Replaces (W)	Base Type	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CCT	CRI	LPW	CEC
42090	LED2.5G25DIM927CL13YTLRP2 6/CS 2/SKU	2.5	25	E26	120V	15,000	250	2700K	90+	100	Yes
42092	LED2.5G25DIM935CL13YTLRP2 6/CS 2/SKU	2.5	25	E26	120V	15,000	250	3500K	90+	100	Yes
42091	LED2.5G25DIM950CL13YTLRP2 6/CS 2/SKU	2.5	25	E26	120V	15,000	250	5000K	90+	100	Yes
42085	LED3.5G25DIM935CL13YTLRP2 6/CS 2/SKU	3.5	40	E26	120V	15,000	350	3500K	90+	100	Yes
42086	LED3.5G25DIM935F13YTLRP2 6/CS 2/SKU	3.5	40	E26	120V	15,000	350	3500K	90+	100	Yes
41332	LED4.5G25DIM950CL13YTLRP2 6/CS 2/SKU	4.5	40	E26	120V	15,000	350	5000K	90+	77.8	Yes
40764	LED4.5G25DIM927CL13YTLRP2 6/CS 2/SKU	4.5	40	E26	120V	15,000	350	2700K	90+	78	Yes
40765	LED4.5G25DIM927F13YTLRP2 6/CS 2/SKU	4.5	40	E26	120V	15,000	350	2700K	90+	78	Yes
40766	LED4.5G25DIM950F13YTLRP2 6/CS 2/SKU	4.5	40	E26	120V	15,000	350	5000K	90+	78	Yes
42088	LED5G25DIM935CL13YTLRP2 6/CS 2/SKU	5	60	E26	120V	15,000	500	3500K	90+	100	Yes
42087	LED5.5G25DIM935F13YTLRP2 6/CS 2/SKU	5.5	60	E26	120V	15,000	500	3500K	90+	90.9	Yes
41333	LED6G25DIM927CL13YTLRP2 6/CS 2/SKU	6	60	E26	120V	15,000	500	2700K	90+	83.3	Yes
41334	LED6G25DIM950CL13YTLRP2 6/CS 2/SKU	6	60	E26	120V	15,000	500	5000K	90+	83.3	Yes
40767	LED6G25DIM927F13YTLRP2 6/CS 2/SKU	6	60	E26	120V	15,000	500	2700K	90+	83	Yes
40768	LED6G25DIM950F13YTLRP2 6/CS 2/SKU	6	60	E26	120V	15,000	500	5000K	90+	83	Yes
41335	LED8G25DIM927F13YTLRP2 6/CS 2/SKU	8	75	E26	120V	15,000	800	2700K	90+	100	No
41336	LED8G25DIM927CL13YTLRP2 6/CS 2/SKU	8	75	E26	120V	15,000	800	2700K	90+	100	No
41337	LED8G25DIM950F13YTLRP2 6/CS 2/SKU	8	75	E26	120V	15,000	800	5000K	90+	100	No
41338	LED8G25DIM950CL13YTLRP2 6/CS 2/SKU	8	75	E26	120V	15,000	800	5000K	90+	100	No
42089	LED11G25DIM935CL13YTLRP2 6/CS 2/SKU	11	100	E26	120V	15,000	1200	3500K	90+	109	Yes
41339	LED11G25DIM927F13YTLRP2 6/CS 2/SKU	11	100	E26	120V	15,000	1200	2700K	90+	109	No
41340	LED11G25DIM927CL13YTLRP2 6/CS 2/SKU	11	100	E26	120V	15,000	1200	2700K	90+	109	No
41341	LED11G25DIM950F13YTLRP2 6/CS 2/SKU	11	100	E26	120V	15,000	1200	5000K	90+	109	No
41342	LED11G25DIM950CL13YTLRP2 6/CS 2/SKU	11	100	E26	120V	15,000	1200	5000K	90+	109	No

Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
G25	4.45 (113)	3.15 (80)



Color Quality Comparison



LEDVANCE LLC
181 Ballardvale Street, Suite 203
Wilmington, MA 01887 USA
Phone 1-800-LIGHTBULB (1-800-544-4828)
www.ledvanceUS.com

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