

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



LED541R3 12-24



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

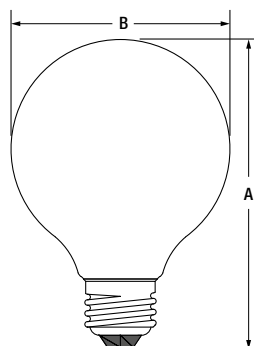
LED	XX	G25	DIM	9	XX	XX	13Y	TL	RP2
LED	Wattage 2.5 = 2.5 Watts 3.5 = 3.5 Watts 4.5 = 4.5 Watts 5 = 5 Watts 5.5 = 5.5 Watts 6 = 6 Watts 8 = 8 Watts 11 = 11 Watts	Lamp Type G25	DIM = Dimmable	CRI 9 = 90	Color Temperature 27 = 2700K 35 = 3500K 50 = 5000K	Bulb Finish CL = Clear F = Frosted	Lamp Life 13Y =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

Ordering Information

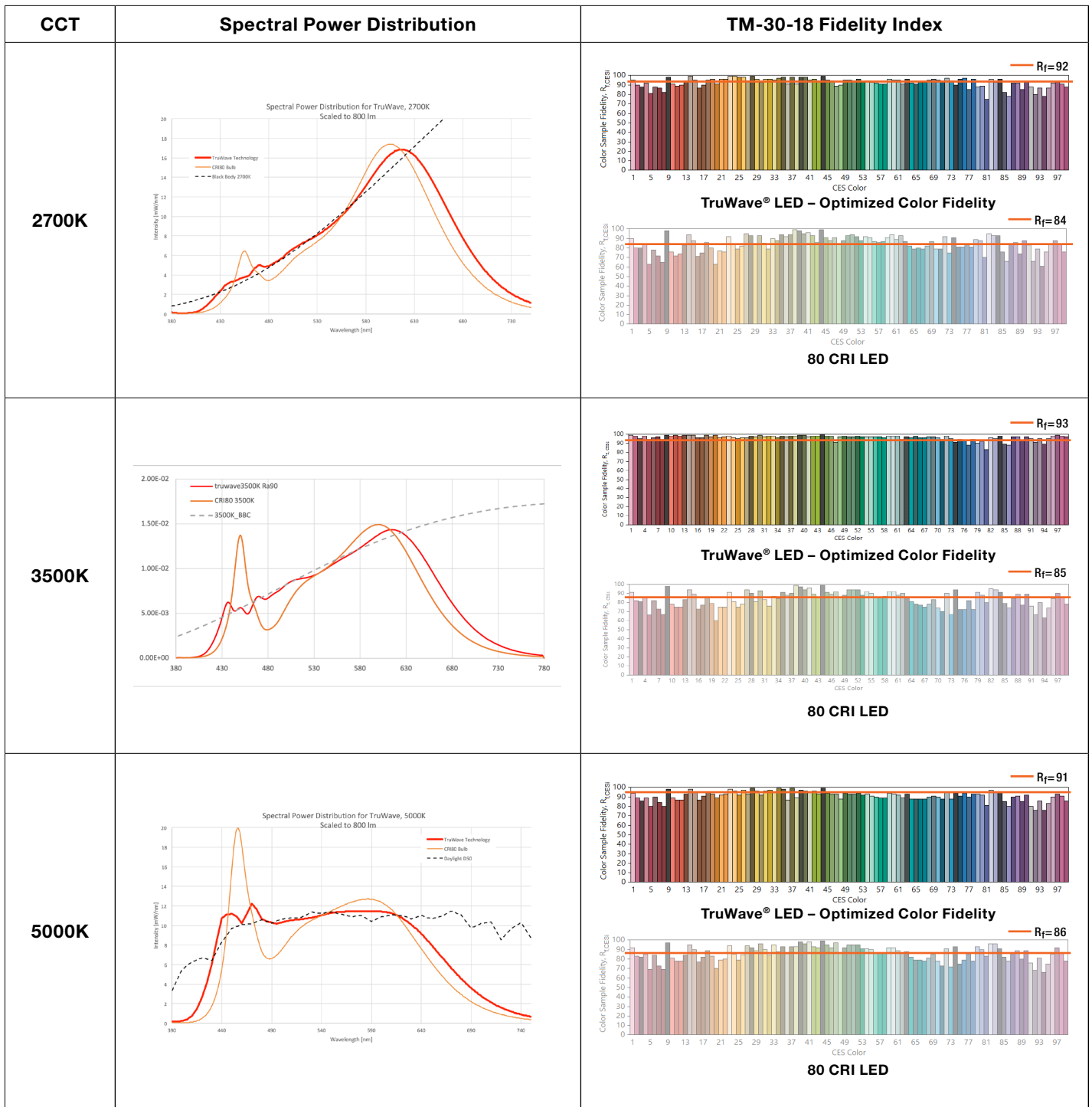
Item Number	Ordering Abbreviation	Power (W)	Replaces (W)	Base Type	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CCT	CRI	LPW	CEC
42090	LED2.5G25DIM927CL13YTLRP2 6/CS 2/SKU	2.5	25	E26	120V	15,000	250	2700K	90+	100	Yes
42092	LED2.5G25DIM935CL13YTLRP2 6/CS 2/SKU	2.5	25	E26	120V	15,000	250	3500K	90+	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



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