

SYLVANIA Lamps

Natural™ Series G16.5

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 91 LPW
- 2700K and 5000K color temperatures
- CRI 90+ for exceptional color quality

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)



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
Incandescent	40	4	\$59
Incandescent	40	4.5	\$59
Incandescent	60	5.5	\$90

Certifications and Listings

- cULus
- RoHS
- Lead Free
- FCC*
- ENERGY STAR®
- California Title 20

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



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

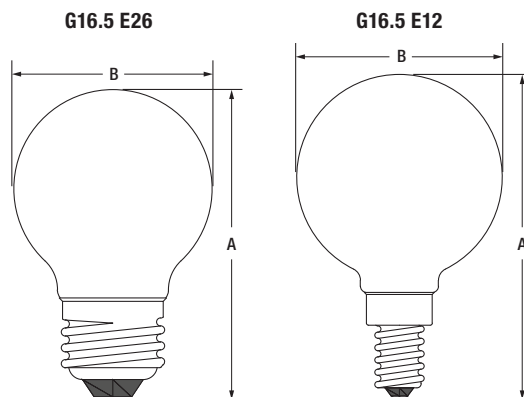
LED	XX	G16.5	X	DIM	9	XX	XX	13Y	TL	BL2
LED	Wattage 4 = 4 Watts 4.5 = 4.5 Watts 5.5 = 5.5 Watts	Lamp Type G16.5	Base Type Blank = Medium C = Candelabra	DIM = Dimmable	CRI 9 = 90	Color Temperature 27 = 2700K 50 = 5000K	Bulb Finish CL = Clear F = Frosted	Lamp Life 13Y = 13 Year Life	TL = Natural with TruWave Technology™	BL2 = 2PK Blister

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Base Type	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CCT	CRI	LPW	CEC
40784	LED4G16.5CDIM927CL13YTLBL2 8/CS 2/SKU	4	E12	120V	15,000	350	2700K	90+	88	Yes
40847	LED4G16.5DIM927CL13YTLBL2 8/CS 2/SKU	4	E26	120V	15,000	350	2700K	90+	88	Yes
40848	LED4G16.5DIM950CL13YTLBL2 8/CS 2/SKU	4	E26	120V	15,000	350	5000K	90+	88	Yes
40849	LED4G16.5CDIM950CL13YTLBL2 8/CS 2/SKU	4	E12	120V	15,000	350	5000K	90+	88	Yes
40797	LED4.5G16.5CDIM927F13YTLBL2 8/CS 2/SKU	4.5	E12	120V	15,000	350	2700K	90+	78	Yes
40798	LED4.5G16.5DIM950F13YTLBL2 8/CS 2/SKU	4.5	E12	120V	15,000	350	5000K	90+	78	Yes
40799	LED4.5G16.5DIM927F13YTLBL2 8/CS 2/SKU	4.5	E26	120V	15,000	350	2700K	90+	78	Yes
40800	LED5.5G16.5CDIM927F13YTLBL2 8/CS 2/SKU	5.5	E12	120V	15,000	500	2700K	90+	91	Yes
40801	LED5.5G16.5CDIM950F13YTLBL2 8/CS 2/SKU	5.5	E12	120V	15,000	500	5000K	90+	91	Yes
40850	LED5.5G16.5DIM927CL13YTLBL2 8/CS 2/SKU	5.5	E26	120V	15,000	500	2700K	90+	91	Yes
40851	LED5.5G16.5DIM950CL13YTLBL2 8/CS 2/SKU	5.5	E26	120V	15,000	500	5000K	90+	91	Yes
40852	LED5.5G16.5CDIM927CL13YTLBL2 8/CS 2/SKU	5.5	E12	120V	15,000	500	2700K	90+	91	Yes
40853	LED5.5G16.5CDIM950CL13YTLBL2 8/CS 2/SKU	5.5	E12	120V	15,000	500	5000K	90+	91	Yes

Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
G16.5 E26	3.03 (77)	1.97 (50)
G16.5 E12	3.11 (79)	1.97 (50)



Color Quality Comparison



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