

SYLVANIA Lamps

Natural™ Series B10

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 115 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)
- NLB Trusted Warranty Program

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	25	3	88%
Incandescent	40	4	90%
Incandescent	40	4.5	88%
Incandescent	60	5.5	90%
Incandescent	75	6	92%
Incandescent	100	6.5	93.5%

Certifications and Listings

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

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



Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

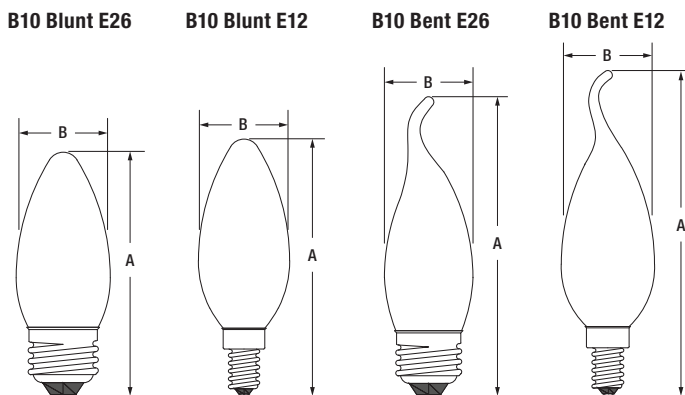
LED	XX	B10	X	XXXX	DIM	9	XX	XX	13Y	TL	BLX
LED	Wattage 3 = 3 Watts 4 = 4 Watts 4.5 = 4.5 Watts 5.5 = 5.5 Watts 6 = 6 Watts 6.5 = 6.5 Watts	Lamp Type B10	Base Type Blank = Medium C = Candelabra	Bulb Type BENT = Bent BLUNT = Blunt	DIM = Dimmable	CRI 9 = 90	Color Temperature 27 = 2700K 50 = 5000K	Bulb Finish CL = Clear F = Frosted	Lamp Life 13Y = 13 Year Life	TL = Natural with TruWave Technology™	BL = Blister Pack BL2 = 2PK Blister

Ordering Information

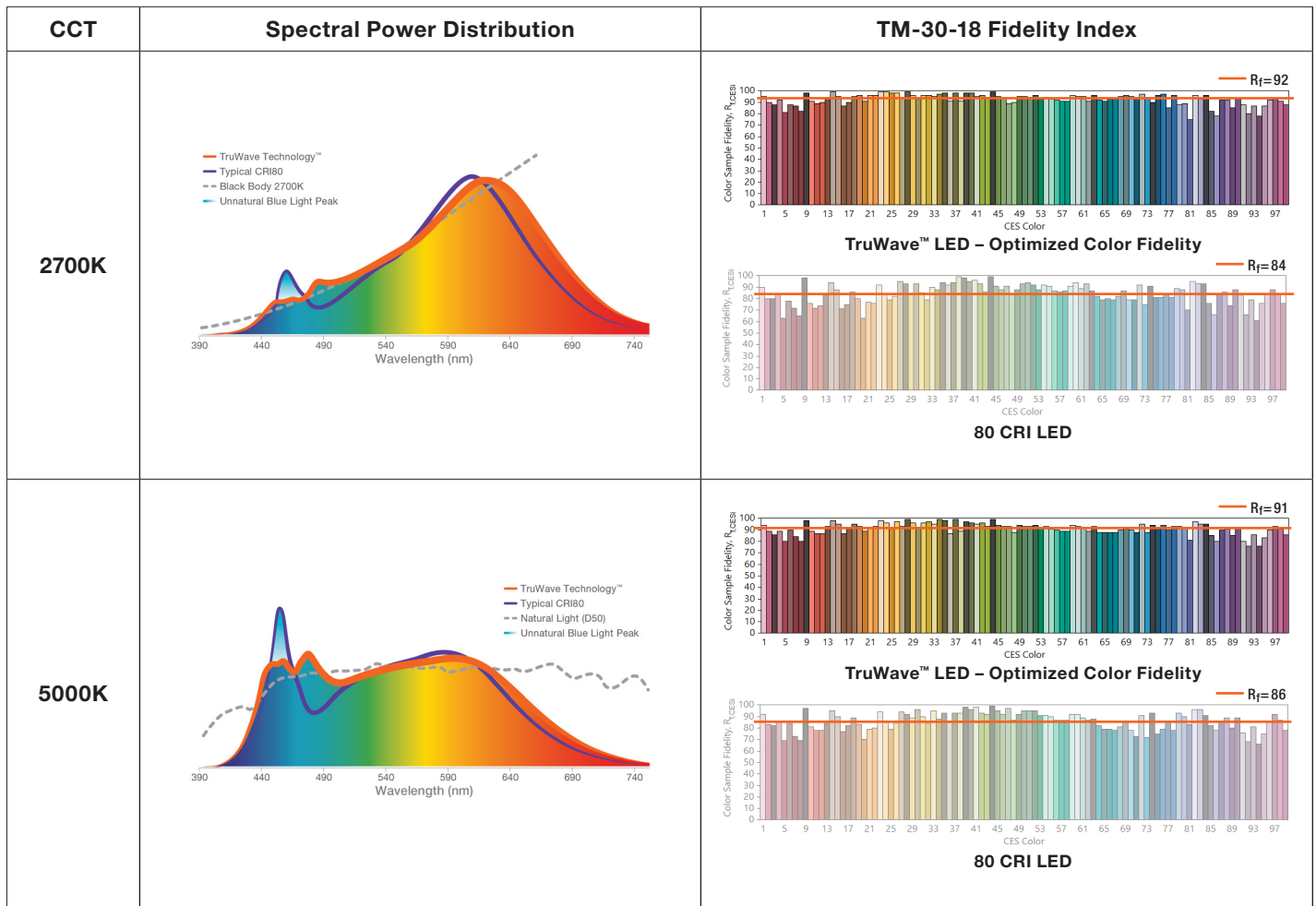
Item Number	Ordering Abbreviation	Power (W)	Base Type	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CCT	CRI	LPW	CEC
40854	LED3B10CBENDIMCL92713YTLBL2 12/CS 2/SKU	3	E12	120V	15,000	200	2700K	90+	67	Yes
40855	LED3B10CBENDIMCL95013YTLBL2 12/CS 2/SKU	3	E12	120V	15,000	200	5000K	90+	67	Yes
40755	LED4B10CBENDIM927CL13YTLBL2 12/CS 2/SKU	4	E12	120V	15,000	350	2700K	90+	88	Yes
40756	LED4B10CBENDIM927CL13YTLBL2 12/CS 2/SKU	4	E26	120V	15,000	350	2700K	90+	88	Yes
40791	LED4B10CBENDIM950CL13YTLBL2 12/CS 2/SKU	4	E12	120V	15,000	350	5000K	90+	88	Yes
40792	LED4B10CBENDIM950CL13YTLBL2 12/CS 2/SKU	4	E26	120V	15,000	350	5000K	90+	88	Yes
40793	LED4B10BLUNTDIM927CL13YTLBL2 12/CS 2/SKU	4	E26	120V	15,000	350	2700K	90+	88	Yes
40794	LED4B10BLUNTDIM927CL13YTLBL2 12/CS 2/SKU	4	E12	120V	15,000	350	2700K	90+	88	Yes
40779	LED4.5B10CBENDIMF92713YTLBL2 12/CS 2/SKU	4.5	E12	120V	15,000	350	2700K	90+	78	Yes
40780	LED4.5B10CBENDIMF95013YTLBL2 12/CS 2/SKU	4.5	E12	120V	15,000	350	5000K	90+	78	Yes
40757	LED5.5B10CBENDIM927CL13YTLBL 12/CS 2/SKU	5.5	E12	120V	15,000	500	2700K	90+	91	Yes
40758	LED5.5B10CBENDIM927CL13YTLBL2 12/CS 2/SKU	5.5	E26	120V	15,000	500	2700K	90+	91	Yes
40773	LED5.5B10CBENDIM927CL13YTLRP 18/CS 6/SKU	5.5	E12	120V	15,000	500	2700K	90+	91	Yes
40781	LED5.5B10CBENDIMF92713YTLBL2 12/CS 2/SKU	5.5	E12	120V	15,000	500	2700K	90+	91	Yes
40783	LED5.5B10CBENDIMF92713YTLBL2 12/CS 2/SKU	5.5	E26	120V	15,000	500	2700K	90+	91	Yes
40759	LED5.5B10CBENDIM950CL13YTLBL 12/CS 2/SKU	5.5	E12	120V	15,000	500	5000K	90+	91	Yes
40760	LED5.5B10CBENDIM950CL13YTLBL2 12/CS 2/SKU	5.5	E26	120V	15,000	500	5000K	90+	91	Yes
40782	LED5.5B10CBENDIMF95013YTLBL2 12/CS 2/SKU	5.5	E12	120V	15,000	500	5000K	90+	91	Yes
41322	LED5.5B10CBENDIM950CL13YTLRP6 18/CS 6/SKU	5.5	E12	120V	15,000	500	5000K	90+	91	Yes
40795	LED5.5B10BLUNTDIM927CL13YTLBL2 12/CS 2/SKU	5.5	E26	120V	15,000	500	2700K	90+	91	Yes
40796	LED5.5B10BLUNTDIM927CL13YTLBL 12/CS 2/SKU	5.5	E12	120V	15,000	500	2700K	90+	91	Yes
41323	LED6B13CBENDIM927CL13YTLRP2 12/CS 2/SKU	6	E12	120V	15,000	650	2700K	90+	108	No
41324	LED6B13CBENDIM950CL13YTLRP2 12/CS 2/SKU	6	E12	120V	15,000	650	5000K	90+	108	No
41325	LED6.5B13CBENDIM927CL13YTLRP2 12CS 2SKU	6.5	E12	120V	15,000	750	2700K	90+	115	No
41326	LED6.5B13CBENDIM950CL13YTLRP2 12CS 2SKU	6.5	E12	120V	15,000	750	5000K	90+	115	No

Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
B10 Blunt E26	3.54 (90)	1.38 (35)
B10 Blunt E12	3.90 (99)	1.38 (35)
B10 Bent E26	4.33 (110)	1.38 (35)
B10 Bent E12	4.72 (120)	1.38 (35)
B13 Bent E12	5.55 (141)	1.69 (43)



Color Quality Comparison



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