

SYLVANIA Lamps

TruWave® Technology A19/A21

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 123 LPW
- 2700K, 3000K, 3500K, 4000K and 5000K color temperatures
- Approved for enclosed fixtures

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	5.5	\$57
Incandescent	60	8	\$86
Incandescent	75	11	\$106
Incandescent	100	15	\$140

Certifications and Listings

- cULus
- cETLus
- 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

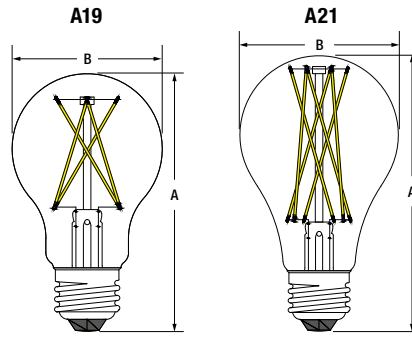
LED	XX	AXX	DIM	XX	9	XX	13Y	TL	RPX
LED	Wattage 5 = 5 Watts 5.5 = 5.5 Watts 8 = 8 Watts 11 = 11 Watts 15 = 15 Watts	Lamp Type A19, A21	DIM = Dimmable	Bulb Finish CL = Clear O = Omnidirectional	CRI 9 = 90+	Color Temperature 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	Lamp Life 13Y = 13 Year Life	TL = TruWave® Technology	RP = 1PK Retail RP2 = 2PK Retail RP4 = 4PK Retail RP6 = 6PK Retail

Ordering Information

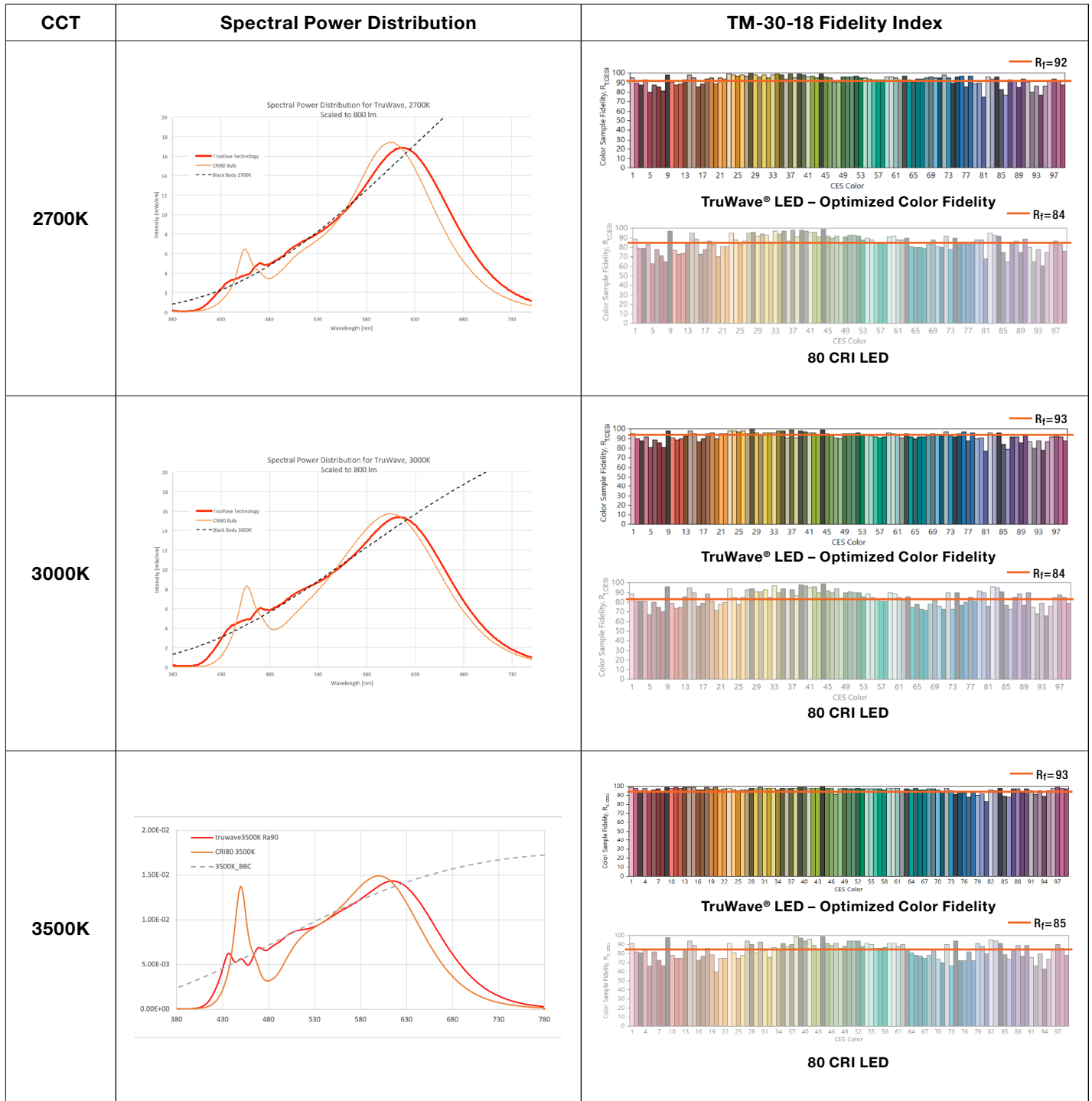
Item Number	Ordering Abbreviation	Finish	Power (W)	Base Type	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CCT	CRI	LPW	Replaces (W)
42098	LED5A19DIMCL93513YTLRP4 16/CS 4/SKU	Clear	5	E26	120V	15,000	450	3500K	90+	90	40W
40686	LED5.5A19DIMCL92713YTLRP4 16/CS 4/SKU	Clear	5.5	E26	120V	15,000	450	2700K	90+	82	40W
40699	LED5.5A19DIMCL92713YTLRP 6/CS 1/SKU	Clear	5.5	E26	120V	15,000	450	2700K	90+	82	40W
49826	LED5.5A19DIMCL95013YTLRP4 16/CS 4/SKU	Clear	5.5	E26	120V	15,000	450	5000K	90+	82	40W
40700	LED8A19DIMCL92713YTLRP 6/CS 1/SKU	Clear	8	E26	120V	15,000	800	2700K	90+	100	60W
40687	LED8A19DIMCL92713YTLRP4 16/CS 4/SKU	Clear	8	E26	120V	15,000	800	2700K	90+	100	60W
42099	LED8A19DIMCL93513YTLRP4 16/CS 4/SKU	Clear	8	E26	120V	15,000	800	3500K	90+	100	60W
49827	LED8A19DIMCL95013YTLRP4 16/CS 4/SKU	Clear	8	E26	120V	15,000	800	5000K	90+	100	60W
40701	LED11A19DIMCL92713YTLRP 6/CS 1/SKU	Clear	11	E26	120V	15,000	1100	2700K	90+	100	75W
40688	LED11A19DIMCL92713YTLRP4 16/CS 4/SKU	Clear	11	E26	120V	15,000	1100	2700K	90+	100	75W
42100	LED11A19DIMCL93513YTLRP4 16/CS 4/SKU	Clear	11	E26	120V	15,000	1100	3500K	90+	100	75W
40803	LED11A19DIMCL95013YTLRP4 16/CS 4/SKU	Clear	11	E26	120V	15,000	1100	5000K	90+	100	75W
40702	LED15A21DIMCL92713YTLRP 6/CS 1/SKU	Clear	15	E26	120V	15,000	1600	2700K	90+	107	100W
40754	LED15A21DIMCL92713YTLRP2 8/CS 2/SKU	Clear	15	E26	120V	15,000	1600	2700K	90+	107	100W
40689	LED15A21DIMCL92713YTLRP4 16/CS 4/SKU	Clear	15	E26	120V	15,000	1600	2700K	90+	107	100W
42101	LED15A21DIMCL93513YTLRP4 16/CS 4/SKU	Clear	15	E26	120V	15,000	1600	3500K	90+	107	100W
40875	LED15A21DIMCL95013YTLRP4 16/CS 4/SKU	Clear	15	E26	120V	15,000	1600	5000K	90+	107	100W
49828	LED15A21DIMCL95013YTLRP2 8/CS 2/SKU	Clear	15	E26	120V	15,000	1600	5000K	90+	107	100W
40724	LED5.5A19DIMO92713YTLRP 6/CS 1/SKU	Frosted	5.5	E26	120V	15,000	450	2700K	90+	82	40W
40668	LED5.5A19DIMO92713YTLRP4 16/CS 4/SKU	Frosted	5.5	E26	120V	15,000	450	2700K	90+	82	40W
41150	LED5.5A19DIMO93013YTLRP 6/CS 1/SKU	Frosted	5.5	E26	120V	15,000	450	3000K	90+	82	40W
41212	LED5.5A19DIMO93513YTLRP 6/CS 1/SKU	Frosted	5.5	E26	120V	15,000	450	3500K	90+	82	40W
41296	LED5.5A19DIMO93513YTLRP4 16/CS 4/SKU	Frosted	5.5	E26	120V	15,000	450	3500K	90+	82	40W
41143	LED5.5A19DIMO94013YTLRP4 16/CS 4/SKU	Frosted	5.5	E26	120V	15,000	450	4000K	90+	82	40W
40725	LED5.5A19DIMO95013YTLRP 6/CS 1/SKU	Frosted	5.5	E26	120V	15,000	450	5000K	90+	82	40W
40669	LED5.5A19DIMO95013YTLRP4 16/CS 4/SKU	Frosted	5.5	E26	120V	15,000	450	5000K	90+	82	40W
40671	LED8A19DIMO92713YTLRP 6/CS 1/SKU	Frosted	8	E26	120V	15,000	800	2700K	90+	100	60W
40670	LED8A19DIMO92713YTLRP4 16/CS 4/SKU	Frosted	8	E26	120V	15,000	800	2700K	90+	100	60W
40748	LED8A19DIMO92713YTLRP6 18/CS 6/SKU	Frosted	8	E26	120V	15,000	800	2700K	90+	100	60W
40813	LED8A19DIMO92713YTLRP6W6 6/CS 6/SKU	Frosted	8	E26	120V	15,000	800	2700K	90+	100	60W
41151	LED8A19DIMO93013YTLRP 6/CS 1/SKU	Frosted	8	E26	120V	15,000	800	3000K	90+	100	60W
41211	LED8A19DIMO93513YTLRP 6/CS 1/SKU	Frosted	8	E26	120V	15,000	800	3500K	90+	100	60W
41295	LED8A19DIMO93513YTLRP4 16/CS 4/SKU	Frosted	8	E26	120V	15,000	800	3500K	90+	100	60W
41142	LED8A19DIMO94013YTLRP 16/CS 4/SKU	Frosted	8	E26	120V	15,000	800	4000K	90+	100	60W
40673	LED8A19DIMO95013YTLRP 6/CS 1/SKU	Frosted	8	E26	120V	15,000	800	5000K	90+	100	60W
40672	LED8A19DIMO95013YTLRP4 16/CS 4/SKU	Frosted	8	E26	120V	15,000	800	5000K	90+	100	60W
49824	LED8A19DIMO95013YTLRP6 18/CS 6/SKU	Frosted	8	E26	120V	15,000	800	5000K	90+	100	60W
40726	LED11A19DIMO92713YTLRP 6/CS 1/SKU	Frosted	11	E26	120V	15,000	1100	2700K	90+	100	75W
40662	LED11A19DIMO92713YTLRP4 16/CS 4/SKU	Frosted	11	E26	120V	15,000	1100	2700K	90+	100	75W
40750	LED11A19DIMO92713YTLRP2 8/CS 2/SKU	Frosted	11	E26	120V	15,000	1100	2700K	90+	100	75W
41152	LED11A19DIMO93013YTLRP 6/CS 1/SKU	Frosted	11	E26	120V	15,000	1100	3000K	90+	100	75W
41213	LED11A19DIMO93513YTLRP 6/CS 1/SKU	Frosted	11	E26	120V	15,000	1100	3500K	90+	100	75W
41297	LED11A19DIMO93513YTLRP4 16/CS 4/SKU	Frosted	11	E26	120V	15,000	1100	3500K	90+	100	75W
41144	LED11A19DIMO94013YTLRP 16/CS 4/SKU	Frosted	11	E26	120V	15,000	1100	4000K	90+	100	75W
40727	LED11A19DIMO95013YTLRP 6/CS 1/SKU	Frosted	11	E26	120V	15,000	1100	5000K	90+	100	75W
40663	LED11A19DIMO95013YTLRP4 16/CS 4/SKU	Frosted	11	E26	120V	15,000	1100	5000K	90+	100	75W
40751	LED11A19DIMO95013YTLRP2 8/CS 2/SKU	Frosted	11	E26	120V	15,000	1100	5000K	90+	100	75W
40665	LED15A21DIMO92713YTLRP 6/CS 1/SKU	Frosted	15	E26	120V	15,000	1600	2700K	90+	107	100W
40752	LED15A21DIMO92713YTLRP2 8/CS 2/SKU	Frosted	15	E26	120V	15,000	1600	2700K	90+	107	100W
40664	LED15A21DIMO92713YTLRP4 16/CS 4/SKU	Frosted	15	E26	120V	15,000	1600	2700K	90+	107	100W
41149	LED15A21DIMO93013YTLRP 6/CS 1/SKU	Frosted	15	E26	120V	15,000	1600	3000K	90+	107	100W
41187	LED15A21DIMO93513YTLRP 6/CS 1/SKU	Frosted	15	E26	120V	15,000	1600	3500K	90+	107	100W
41294	LED15A21DIMO93513YTLRP4 16/CS 4/SKU	Frosted	15	E26	120V	15,000	1600	3500K	90+	107	100W
41137	LED15A21DIMO94013YTLRP 6/CS 1/SKU	Frosted	15	E26	120V	15,000	1600	4000K	90+	107	100W
40753	LED15A21DIMO95013YTLRP2 8/CS 2/SKU	Frosted	15	E26	120V	15,000	1600	5000K	90+	107	100W
40667	LED15A21DIMO95013YTLRP 6/CS 1/SKU	Frosted	15	E26	120V	15,000	1600	5000K	90+	107	100W
40666	LED15A21DIMO95013YTLRP4 16/CS 4/SKU	Frosted	15	E26	120V	15,000	1600	5000K	90+	107	100W

Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
A19	4.05 (103)	2.36 (60)
A21	4.57 (116)	2.64 (67)



Color Quality Comparison



Color Quality Comparison (continued)

CCT	Spectral Power Distribution	TM-30-18 Fidelity Index
4000K		
5000K		

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