SYLVANIA Lamps
Natural™ Series A15

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 82 LPW

— 2700K and 5000K color temperatures

— CRI 90+ for exceptional color quality

Electrical

— 120V$_{AC}$

— Power factor >0.90

— Dimmable down to 10%

Rated Life

— 15,000 hours (L$_{70}$)

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	5.5	$57
Incandescent	60	8	$86

Certifications and Listings

— cULus

— RoHS

— Lead Free

— FCC*

— California Title 20

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

SYLVANIA

Catalog #		Type
Project		
Comments		
Prepared by		

Ordering Guide

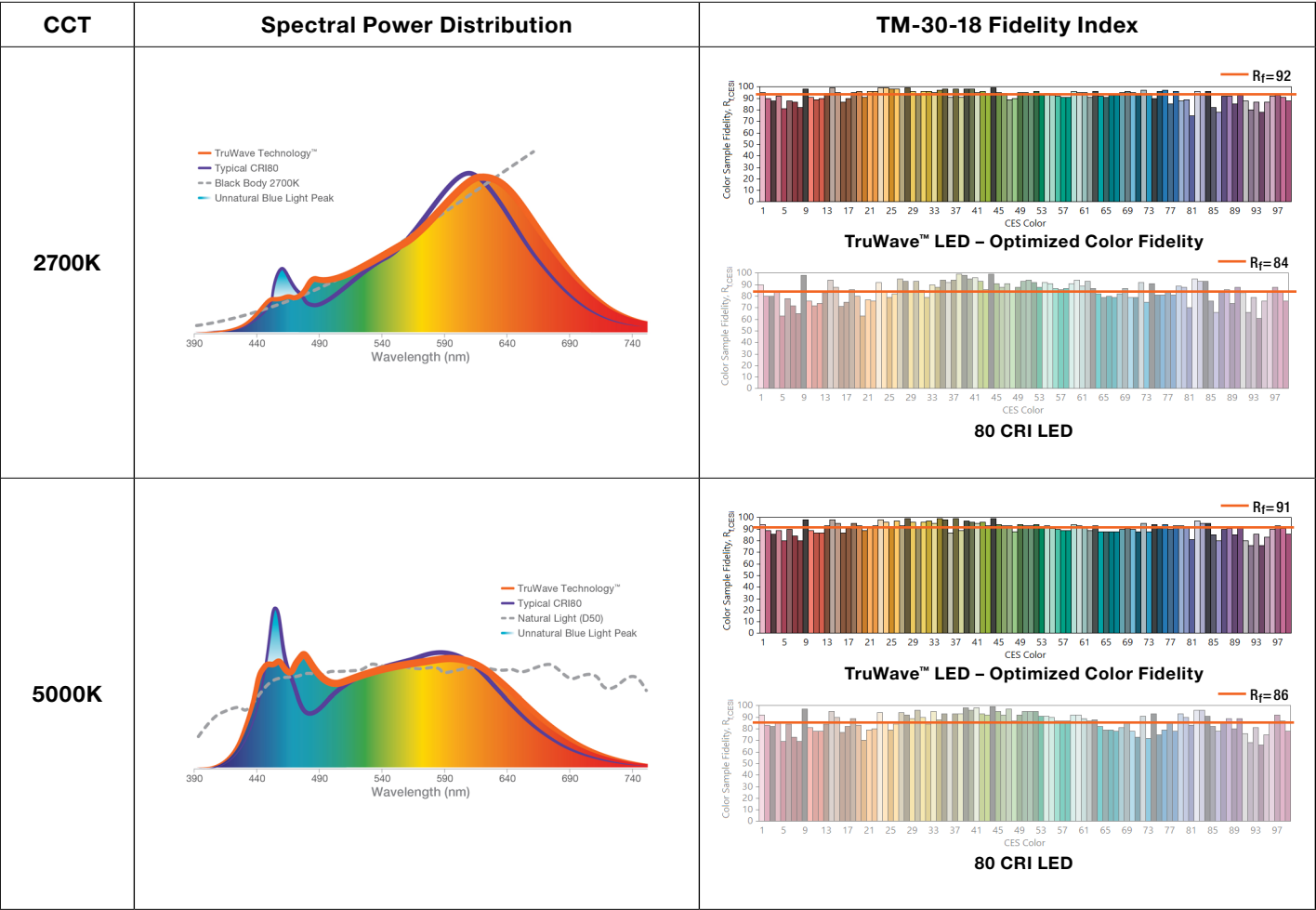| LED	XX	A15	X	DIM	9	XX	XX	13Y	TL	BL2
LED	Wattage 5.5 = 5.5 Watts 8 = 8 Watts	Lamp Type A15	Blank = Medium Base C = Candelabra Base	DIM = Dimmable	CRI 9 = 90	Color Temperature 27 = 2700K 50 = 5000K	Bulb Finish CL = Clear F = Frosted	Lamp Life 13Y = 13 Year Life	TL = Natural with TruWave Technology™	BL2 = 2PK Blister

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Base Type	Input Voltage	Average Life (hrs)	Typical Lumens (lm)	CCT	CRI	LPW	CEC
40761	LED5.5A15DIM927CL13YTLBL2 8/CS 2/SKU	5.5	E26	120V	15,000	450	2700K	90+	82	Yes
40762	LED5.5A15DIM927F13YTLBL2 8/CS 2/SKU	5.5	E26	120V	15,000	450	2700K	90+	82	Yes
40774	LED5.5A15CDIM927CL13YTLBL2 8/CS 2/SKU	5.5	E12	120V	15,000	450	2700K	90+	82	Yes
40775	LED5.5A15DIM950F13YTLBL2 8/CS 2/SKU	5.5	E26	120V	15,000	450	5000K	90+	82	Yes
40763	LED8A15DIM927F13YTLBL2 8/CS 2/SKU	8	E26	120V	15,000	800	2700K	90+	63	Yes
40776	LED8A15DIM950F13YTLBL2 8/CS 2/SKU	8	E26	120V	15,000	800	5000K	90+	63	Yes

Physical Information

	(A) Height inches (mm)	(B) Diameter inches (mm)
A15 E12 Base	3.43 (87)	1.85 (47)
A15 E26 Base	3.39 (86)	1.85 (47)
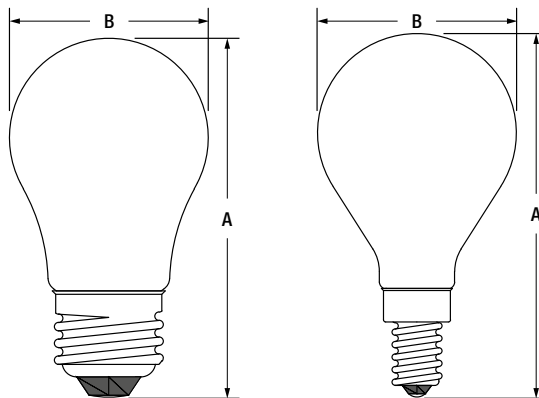
Color Quality Comparison

CCT	Spectral Power Distribution	TM-30-18 Fidelity Index
2700K	TruWave Technology™ / Typical CRI80 / Black Body 2700K / Unnatural Blue Light Peak	R_f=92 **TruWave™ LED – Optimized Color Fidelity** / R_f=84 **80 CRI LED**
5000K	TruWave Technology™ / Typical CRI80 / Natural Light (D50) / Unnatural Blue Light Peak	R_f=91 **TruWave™ LED – Optimized Color Fidelity** / R_f=86 **80 CRI LED**

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