SYLVANIA Lamps

LightSHIELD

Application

SYLVANIA LightSHIELD helps fight germs and odors by using visible light to activate a nanolevel lamp coating that interacts with the surrounding air. The room's natural air circulation brings organic compounds into contact with the coating, where they are decomposed and neutralized. No LightSHIELD material is consumed during the reaction, resulting in a permanent coating that may last for many years. Having fewer germs in the air reduces the chance of getting sick.

Benefits and Features

- SYLVANIA LightSHIELD helps fights many common airborne germs and decomposes odors including:
 - Escherichi coli (E coli)
 - H1N1 (Flu)
 - Staphylococcus aureus
 - Methichillin-Resistant staphylococcus aureus
 - Aspergillus niger spore
 - Household odors
- Up to 93 LPW
- CRI >80 and >90
- Available in 2700K and 5000K color temperatures

Electrical

- 120VAC
- 0-10V dimmable (BR30 and CEC A19 only)

Rated Life

- 11,000 hours (L₇₀) (A19 and BR30 non-CEC)
- 15,000 hours (L₇₀) (A19 CEC)
- 25,000 hours (L₇₀) (BR30 CEC)

Warranty

- 3-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -4°F to +104°F (-20°C to +40°C)



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
Incandescent	60	8.5	85%
Incandescent	60	10	83%
Incandescent	65	9	86%
Incandescent	65	7.5	88%

Certifications and Listings

- cULus
- RoHS
- FCC

- ENERGY STAR® (CEC types only)













Specification Data

Catalog #	Туре
Project	
Comments	
Prepared by	

Ordering Guide

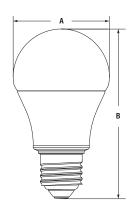
LED	XX	XXXX	DIM	X	XX	10YV	LS	RPX
Product Name LED = LED Technology	Wattage 7.5 = 7.5 watts 8.5 = 8.5 watts 9 = 9 watts 10 = 10 watts	Lamp Type BR30 = BR30 A19 = A19	DIM = Dimmable	CRI 8 = >80 9 = >90	Color Temperature 27 = 2700K 50 = 5000K	Lifetime 10Y = 10 year lifetime	LightSHIELD Technology	Packaging Retail Pack

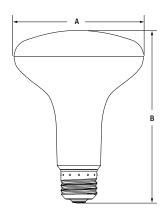
Ordering Information

				Input	Average		Typical				
Ordering	Power	Base		Voltage	Life		Lumens		Bulb	Case	ENERGY
Abbreviation	(W)	Type	Replaces	(V)	(hrs)	CCT	(lm)	CRI	Finish	Qty	STAR®
LED7.5BR30DIM927LSRP2	7.5	E26	65W	120	25,000	2700K	650	>90	Frosted	6	Yes
LED7.5BR30DIM950LSRP2	7.5	E26	65W	120	25,000	5000K	650	>90	Frosted	6	Yes
LED8.5A19F82710YVLSRP4	8.5	E26	60W	120	11,000	2700K	800	>80	Frosted	12	No
LED8.5A19F85010YVLSRP4	8.5	E26	60W	120	11,000	5000K	800	>80	Frosted	12	No
LED9BR30DIM82710YVLSRP2	9	E26	65W	120	11,000	2700K	650	>80	Frosted	6	No
LED9BR30DIM85010YVLSRP2	9	E26	65W	120	11,000	5000K	650	>80	Frosted	6	No
LED10A19DIM927LSRP4	10	E26	60W	120	15,000	2700K	800	>90	Frosted	12	Yes
LED10A19DIM950LSRP4	10	E26	60W	120	15,000	5000K	800	>90	Frosted	12	Yes
	Abbreviation LED7.5BR30DIM927LSRP2 LED7.5BR30DIM950LSRP2 LED8.5A19F82710YVLSRP4 LED8.5A19F85010YVLSRP4 LED9BR30DIM82710YVLSRP2 LED9BR30DIM85010YVLSRP2 LED10A19DIM927LSRP4	Abbreviation (W) LED7.5BR30DIM927LSRP2 7.5 LED7.5BR30DIM950LSRP2 7.5 LED8.5A19F82710YVLSRP4 8.5 LED8.5A19F85010YVLSRP4 8.5 LED9BR30DIM82710YVLSRP2 9 LED9BR30DIM85010YVLSRP2 9 LED10A19DIM927LSRP4 10	Abbreviation (W) Type LED7.5BR30DIM927LSRP2 7.5 E26 LED7.5BR30DIM950LSRP2 7.5 E26 LED8.5A19F82710YVLSRP4 8.5 E26 LED8.5A19F85010YVLSRP4 8.5 E26 LED9BR30DIM82710YVLSRP2 9 E26 LED9BR30DIM85010YVLSRP2 9 E26 LED10A19DIM927LSRP4 10 E26	Abbreviation (W) Type Replaces LED7.5BR30DIM927LSRP2 7.5 E26 65W LED7.5BR30DIM950LSRP2 7.5 E26 65W LED8.5A19F82710YVLSRP4 8.5 E26 60W LED8.5A19F85010YVLSRP4 8.5 E26 60W LED9BR30DIM82710YVLSRP2 9 E26 65W LED9BR30DIM85010YVLSRP2 9 E26 65W LED10A19DIM927LSRP4 10 E26 60W	Ordering Abbreviation Power (W) Base Type Voltage Replaces Voltage (V) LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 LED8.5A19F85010YVLSRP4 8.5 E26 60W 120 LED9BR30DIM82710YVLSRP2 9 E26 65W 120 LED9BR30DIM85010YVLSRP2 9 E26 65W 120 LED10A19DIM927LSRP4 10 E26 60W 120	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (hrs) LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 25,000 LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 25,000 LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 11,000 LED8.5A19F85010YVLSRP4 8.5 E26 60W 120 11,000 LED9BR30DIM82710YVLSRP2 9 E26 65W 120 11,000 LED9BR30DIM85010YVLSRP2 9 E26 65W 120 11,000 LED10A19DIM927LSRP4 10 E26 60W 120 15,000	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) CCT LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 25,000 2700K LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 25,000 5000K LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 11,000 2700K LED8.5A19F85010YVLSRP4 8.5 E26 60W 120 11,000 5000K LED9BR30DIM82710YVLSRP2 9 E26 65W 120 11,000 2700K LED9BR30DIM85010YVLSRP2 9 E26 65W 120 11,000 5000K LED10A19DIM927LSRP4 10 E26 60W 120 15,000 2700K	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) Lumens LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 25,000 2700K 650 LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 25,000 5000K 650 LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 11,000 2700K 800 LED8.5A19F85010YVLSRP4 8.5 E26 60W 120 11,000 5000K 800 LED9BR30DIM82710YVLSRP2 9 E26 65W 120 11,000 2700K 650 LED9BR30DIM85010YVLSRP2 9 E26 65W 120 11,000 2700K 650 LED10A19DIM927LSRP4 10 E26 60W 120 15,000 2700K 800	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) Lumens CCT Lumens (Im) CRI LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 25,000 2700K 650 >90 LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 25,000 5000K 650 >90 LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 11,000 2700K 800 >80 LED8.5A19F85010YVLSRP4 8.5 E26 60W 120 11,000 5000K 800 >80 LED9BR30DIM82710YVLSRP2 9 E26 65W 120 11,000 2700K 650 >80 LED9BR30DIM85010YVLSRP2 9 E26 65W 120 11,000 5000K 650 >80 LED10A19DIM927LSRP4 10 E26 60W 120 15,000 2700K 800 >90	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (N) Life (hrs) Lumens (Im) Bulb (Im) Bulb Finish LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 25,000 2700K 650 >90 Frosted LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 25,000 5000K 650 >90 Frosted LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 11,000 2700K 800 >80 Frosted LED9.5A19F85010YVLSRP4 8.5 E26 60W 120 11,000 5000K 800 >80 Frosted LED9BR30DIM82710YVLSRP2 9 E26 65W 120 11,000 2700K 650 >80 Frosted LED9BR30DIM85010YVLSRP2 9 E26 65W 120 11,000 5000K 650 >80 Frosted LED10A19DIM927LSRP4 10 E26 60W 120 15,000 2700K 800 >90	Ordering Abbreviation Power (W) Base Type Voltage Replaces Life (V) Life (hrs) Lumens (CT Bulb (Im) Case Finish Qty LED7.5BR30DIM927LSRP2 7.5 E26 65W 120 25,000 2700K 650 >90 Frosted 6 LED7.5BR30DIM950LSRP2 7.5 E26 65W 120 25,000 5000K 650 >90 Frosted 6 LED8.5A19F82710YVLSRP4 8.5 E26 60W 120 11,000 2700K 800 >80 Frosted 12 LED8.5A19F85010YVLSRP4 8.5 E26 60W 120 11,000 5000K 800 >80 Frosted 12 LED9BR30DIM82710YVLSRP2 9 E26 65W 120 11,000 2700K 650 >80 Frosted 6 LED9BR30DIM82010YVLSRP2 9 E26 65W 120 11,000 5000K 650 >80 Frosted 6 LED10A19DIM927LSRP4 10 E26

Physical Information

Ordering Abbreviation	(A) Diameter (inches)	(B) Height (inches)
LEDXXA19	2.362	4.4
LEDXXBR30	3.74	5





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