

# LIGHTBLADE ELITE

## 1/2" PCB - UNDER CABINET

ELITE SERIES



### DESCRIPTION

LIGHTBLADE™ ELITE Series flexible LED ribbon is designed to be one of the clearest ribbons on the market. With a unique 91 LEDs per foot, LIGHTBLADE™ ELITE is engineered with the highest quality components available, delivering a high-performance output of 562+ lumens per foot at 4000K with a CRI of 95+.

An innovative design creates a continuous, dot-less LIGHTBLADE™ effect that eliminates dead spots and hot spots. An Integrated Circuit ('IC') board ensures the same performance of light distribution over an 11-foot run if utilizing a 96W class 2 Driver in a constant voltage mode. Excellent for environments where precise color rendering is desired, up to 11 feet and chained in a series.

The 1/2" flexible printed circuit board is ideal for under cabinet, kick panels, furniture, bookshelves, ceilings, cove lighting and other architectural features or decorative indoor needs.

### FEATURES

- Lumens: 562+ per foot at 4000K
- Efficacy: 77+ Lumens per watt
- Power: 7.3 watts per foot
- Max Run: 11 feet per 96W Class 2 Power Supply
- Cut Lengths: 1.58"
- Chip Count: 91 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- LED Type: 2835 w/ integrated IC chips
- Lifespan: 50,000 Hours (12 hrs. a day for 17 yrs.)
- Backing: Premium 3M VHB adhesive
- Voltage: 24Volt DC
- Current: Constant Voltage
- Beam Angle: 120 degrees
- Dimming: Triac, 1-10V, PWM, 0-10V with dimming to zero
- Reel length: 16 feet
- 3-Step MacAdam Ellipses for Quality Control
- Certification: T24, UL, CUL, CE, ROHS Approved

### APPLICATION

- Architectural decorative lighting,
- Kitchen under cabinet lighting
- Cabinet kick panel lighting
- Backlight /edge light inside furniture
- Cove soffit

### SPECIFICATIONS



MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	DIMMING	POWER / FT
SO-SHO-50-27K-95-24V-CV	1/2"	2700K	95+	481+	91	120 DEG	IP20 IP67	66+ L/W	2835 w/IC	24V DC	YES	7.3W
SO-SHO-50-30K-95-24V-CV	1/2"	3000K	95+	535+	91	120 DEG		73+ L/W	2835 w/IC	24V DC	YES	7.3W
SO-SHO-50-35K-95-24V-CV	1/2"	3500K	95+	535+	91	120 DEG		73+ L/W	2835 w/IC	24V DC	YES	7.3W
SO-SHO-50-40K-95-24V-CV	1/2"	4000K	95+	562+	91	120 DEG		77+ L/W	2835 w/IC	24V DC	YES	7.3W

Installer assumes all liability with regard to property & safety. This product is UL listed and Title 24 Compliant. See separate Warranty and Terms & Conditions. See additional instructional materials for more information. Systems tested prior to shipping. Limited 2-year warranty against manufacturing defects only, does not cover labor, improper installation or general negligence. Installer must strictly adhere to NEC & local building code. Please contact us with questions.

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