

LIGHTBLADE ELITE SHO

1/2" PCB - SUPER BRIGHT

ELITE SERIES



DESCRIPTION

LIGHTBLADE™ ELITE “Super High Output” SHO Series flexible LED ribbon is designed to be one of the brightest and clearest on the market. With a 100+ efficacy rating, this ribbon is engineered with the highest quality components available. It delivers an impressive output performance of 1281+ lumens per foot at 4000K with the highest CRI of 95+ within a 1/2” footprint. 73 LEDs per foot create a continuous, dot-less LIGHTBLADE™ effect that eliminates dead spots and hot spots.

Great for large environments or indirect cove lighting where bright accurate color rendering is desired, up to 7 feet and chained in a series. The 1/2” flexible printed circuit board is ideal for ceilings, cove lighting, utility, indirect and other architectural features or decorative indoor needs.

FEATURES

- CRI 95+
- Lumens: 1281+per foot at 4000K
- Efficacy: 105+ Lumens per watt
- Power: 12.2 watts per foot
- Max Run: 7 feet per 96W Class 2 Power Supply
- Cut Lengths: 1.31”
- Chip Count: 73 LEDs per foot
- IP Rating: IP 20 (indoor)
- LED Type: 2835
- 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, DALI, 0-10V 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
- Direct & Indirect Cove soffit
- Utility
- Residential and Commercial
- Retail
- Task

SPECIFICATIONS



MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-SHO-50-27K-95-24V-CV	1/2"	2700K	95+	1098+	73	120DEG	IP20 IP67	90+ L/W	2835 w/IC	24V DC	YES	12.2W
SO-SHO-50-30K-95-24V-CV	1/2"	3000K	95+	1220+	73	120DEG		100+ L/W	2835 w/IC	24V DC	YES	12.2W
SO-SHO-50-35K-95-24V-CV	1/2"	3500K	95+	1220+	73	120DEG		100+ L/W	2835 w/IC	24V DC	YES	12.2W
SO-SHO-50-40K-95-24V-CV	1/2"	4000K	95+	1281+	73	120DEG		105+ L/W	2835 w/IC	24V DC	YES	12.2W

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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