

LIGHTBLADE ELITE SHO

1" 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 118+ efficacy rating, this ribbon is engineered with the highest quality components available. It delivers an impressive output performance of 1441+ lumens per foot at 4000K with the highest CRI of 95+ within a 1" footprint. The 3 row LED design, which includes 146 LEDs per foot, creates 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 chained in a series. The 1" flexible printed circuit board is ideal for commercial and residential fixtures, ceilings, cove lighting, utility, indirect and other architectural features or decorative indoor needs.

FEATURES

- CRI 95+
- Lumens: 1441+per foot at 4000K
- Efficacy: 118+ Lumens per watt
- Power: 12.2 watts per foot
- Max Run: 7 feet per 96W Class 2 Power Supply
- Cut Lengths: 2"
- Chip Count: 146 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 Lighting
- Task
- Linear LED Fixtures

SPECIFICATIONS



MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	DIMMING	POWER / FT
SO-SHO-100-27K-95-24V-CV	1"	2700K	95+	1232+	146	120DEG	IP20 IP67	101+ L/W	2835	24V DC	YES	12.2W
SO-SHO-100-30K-95-24V-CV	1"	3000K	95+	1369+	146	120DEG		112+ L/W	2835	24V DC	YES	12.2W
SO-SHO-100-35K-95-24V-CV	1"	3500K	95+	1369+	146	120DEG		112+ L/W	2835	24V DC	YES	12.2W
SO-SHO-100-40K-95-24V-CV	1"	4000K	95+	1441+	146	120DEG		118+ L/W	2835	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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