

# LIGHTBLADE SOL - BEAM 90

1/2" PCB - BEAM ANGLE 90

SOLUTION SERIES



## DESCRIPTION

LIGHTBLADE™ SOLUTION SERIES 95+ CRI Beam 90 flexible LED ribbon is designed to be one of the brightest LEDs on the market for archway light-facing applications. This ribbon is engineered with the highest quality components available, delivering 427+ Lumens per foot while bending in the “face” axis.

An Integrated Circuit (“IC”) board ensures the same performance of light distribution over a 17-foot run if utilizing a 96W class 2 Driver in a constant voltage mode.

Ideal for commercial and residential cove, archways, display and ambient lighting, architectural features or decorative indoor or outdoor needs. Great for theaters, event spaces, restaurants and bars where bright LED is desired. (DELETE), up to 9 feet and chained in a series.

Flexible extrusions are also offered for mounting around curved surfaces.

## FEATURES

- CRI 95+
- Lumens: 320+per foot at 4000K
- Efficacy: 101+ Lumens per watt
- Power: 4.27watts per foot
- Max Run: 30 feet per 96W Class 2 Power Supply
- Cut Lengths: 4”
- Chip Count: 21 LEDs per foot
- IP Rating: IP 20 (indoor)
- LED Type: 2216
- Lifespan: 50,000 Hours (12 hrs. a day for 17 yrs.)
- Backing: Premium 3M adhesive
- Voltage: 24Volt DC
- Current: Constant Voltage
- Beam Angle: 120 degrees out of LED. LED turned 90 degrees.
- Dimming: Triac, 1-10V, PWM, DALI, 0-10V dimming to zero
- Reel length: 100’ GC reels w/ Custom Options
- 3-Step MacAdam Ellipse for Quality Control
- Certification: T24, UL, CUL, CE, ROHS Approved

## APPLICATION

- Archway architectural decorative lighting
- Backlight or edge light furniture
- Cove soffit
- Shelf edge lighting

## SPECIFICATIONS



MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-SOL-BM90-50-27K-95-24V-CV	1/2"	2700K	95+	396+	21	Adjustable 90	IP20	86+ L/W	5630 w/IC	24V DC	YES	4.6W
SO-SOL-BM90-50-30K-95-24V-CV	1/2"	3000K	95+	396+	21	Adjustable 90		86+ L/W	5630 w/IC	24V DC	YES	4.6W
SO-SOL-BM90-50-40K-95-24V-CV	1/2"	4000K	95+	427+	21	Adjustable 90		93+ L/W	5630 w/IC	24V DC	YES	4.6W

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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