

# LIGHTBLADE SOL CC

1/2" PCB - CONSTANT CURRENT

SOLUTION SERIES



## DESCRIPTION

LIGHTBLADE™ SOLUTION SERIES 95+ CRI Constant Current flexible LED ribbon is designed for the next evolution in LED technology. Our evolving entry-level circuit board targets Power of Ethernet and Distributed DC deployments. Engineered with the highest quality components available, this ribbon yields congruent light disbursements over the full class 2 driver per-foot range without power loss or voltage drop. Our boards will continue to solve and beat all NEC code-compliance restraints while maximizing performance and color rendering over evolving distributed dimming platforms.

An Integrated Circuit IC board ensures the same performance of light distribution over a 12-foot run with a 96W class 2 Driver in constant current mode. Great for environments where accurate color rendering is desired, up to 12 feet and chained in a series. Ideal for under cabinet, kick panels, furniture, bookshelves, ceilings, cove lighting and other architectural features or decorative indoor needs.

## FEATURES

- CRI 95+
- Lumens: 376+ per foot at 4000K
- Efficacy: 86+ Lumens per watt
- Power: 6.7 watts per foot
- Max Run: 12 feet per 96W Class 2 Power Supply
- Cut Lengths: 2.25"
- Chip Count: 38
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- LED Type: 5630 w/ Integrated Circuit
- Lifespan: 50,000 Hours (12 hrs. a day for 17 yrs.)
- Backing: Premium 3M VHB adhesive
- Voltage: 24Volt DC
- Current: Constant Current
- Beam Angle: 120degrees
- Dimming: Triac, 1-10V, PWM, DALI, 0-10V dimming to zero
- Reel length: 16
- 3-Step MacAdam Ellipses for Quality Control
- Certification: T24, UL, CUL, CE, ROHS Approved

## APPLICATION

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



## 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-50-27K-95-24V-CC	1/2"	2700K	95+	547+	38	120 DEG	IP20 IP67	82+ L/W	5630 Integrated	24DCC	YES	6.7W
SO-SOL-50-30K-95-24V-CC	1/2"	3000K	95+	547+	38	120 DEG		82+ L/W	5630 Integrated	24DCC	YES	6.7W
SO-SOL-50-40K-95-24V-CC	1/2"	4000K	95+	576+	38	120 DEG		86+ L/W	5630 Integrated	24DCC	YES	6.7W

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.

sales@shineonled.com  
415.563.5517