LIGHTBLADE

ELITE SERIES LED RIBBON

SHINEON LED

BETTER. BRIGHTER. CLEARER.

LIGHTBLADE ELITE TUNE

1/2" PCB - TUNABLE WHITE

ELITE SERIES

DESCRIPTION

LIGHTBLADE™ ELITE SERIES Tunable White flexible LED ribbon is designed to be one of the brightest and clearest ribbons on the market. With a 96+ efficacy rating, this LIGHTBLADE™ ELITE ribbon is engineered with the highest quality components available. It delivers an output performance of 767+ lumens per foot at 4000K with the highest available tunable CRI of 95+.

Our compatible Digital Addressable Lighting Interface (DALI) wall switches are intuitive and easy to deploy. These innovative switches control tunable colors on an integrated rocker slider without the need for overly expensive programmable interfaces.

Great for large environments or indirect cove lighting where bright accurate color rendering is desired, up to 10 feet and chained in a series. Ideal for commercial and residential fixtures, ceilings, cove lighting, utility, indirect and other architectural features or decorative indoor needs.

FEATURES

- CRI 95+
- Lumens: 767+per foot at 4000K
- Efficacy: 96+ Lumens per watt
- Power: 8 watts per foot
- Max Run: 10 feet per 96W Class 2 Power Supply
- Cut Lengths: .625"
- Chip Count: 36 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- 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: DMX, PWM, RDM, DALI, 1-10V, 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

DIMMABLE · TUNABLE · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

SPECIFICATIONS

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-ELITE-50-TUNE-27K40K-95-24V-CV	1/2"	2700K-4000K	95+	731+ - 767+	36	120DEG	IP20 IP67	91+ -96+ L/W	2835	24DCV	YES	8W
SO-ELITE-50-TUNE-27K60K-95-24V-CV	1/2"	2700K-6000K	95+	731+ - 793+	36	120DEG		83+ - 90+L/W	2835	24DCV	YES	8.8W

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

LIGHTBLADE ELITE TUNE

1/2" PCB - TUNABLE WHITE

ELITE SERIES

DESCRIPTION

LIGHTBLADE™ ELITE SERIES Tunable White flexible LED ribbon is designed to be one of the brightest and clearest ribbons on the market. With a 96+ efficacy rating, this LIGHTBLADE™ ELITE ribbon is engineered with the highest quality components available. It delivers an output performance of 767+ lumens per foot at 4000K with the highest available tunable CRI of 95+.

Our compatible Digital Addressable Lighting Interface (DALI) wall switches are intuitive and easy to deploy. These innovative switches control tunable colors on an integrated rocker slider without the need for overly expensive programmable interfaces.

Great for large environments or indirect cove lighting where bright accurate color rendering is desired, up to 10 feet and chained in a series. Ideal for commercial and residential fixtures, ceilings, cove lighting, utility, indirect and other architectural features or decorative indoor needs.

FEATURES

- CRI 95+
- Lumens: 767+per foot at 4000K
- Efficacy: 96+ Lumens per watt
- Power: 8 watts per foot
- Max Run: 10 feet per 96W Class 2 Power Supply
- Cut Lengths: .625"
- Chip Count: 36 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- 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: DMX, PWM, RDM, DALI, 1-10V, 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

DIMMABLE · TUNABLE · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

SPECIFICATIONS

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-ELITE-50-TUNE-27K40K-95-24V-CV	1/2"	2700K-4000K	95+	731+ - 767+	36	120DEG	IP20 IP67	91+ -96+ L/W	2835	24DCV	YES	8W
SO-ELITE-50-TUNE-27K60K-95-24V-CV	1/2"	2700K-6000K	95+	731+ - 793+	36	120DEG		83+ - 90+L/W	2835	24DCV	YES	8.8W

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

LIGHTBLADE ELITE TUNE

1/2" PCB - TUNABLE WHITE

ELITE SERIES

DESCRIPTION

LIGHTBLADE™ ELITE SERIES Tunable White flexible LED ribbon is designed to be one of the brightest and clearest ribbons on the market. With a 96+ efficacy rating, this LIGHTBLADE™ ELITE ribbon is engineered with the highest quality components available. It delivers an output performance of 767+ lumens per foot at 4000K with the highest available tunable CRI of 95+.

Our compatible Digital Addressable Lighting Interface (DALI) wall switches are intuitive and easy to deploy. These innovative switches control tunable colors on an integrated rocker slider without the need for overly expensive programmable interfaces.

Great for large environments or indirect cove lighting where bright accurate color rendering is desired, up to 10 feet and chained in a series. Ideal for commercial and residential fixtures, ceilings, cove lighting, utility, indirect and other architectural features or decorative indoor needs.

FEATURES

- CRI 95+
- Lumens: 767+per foot at 4000K
- Efficacy: 96+ Lumens per watt
- Power: 8 watts per foot
- Max Run: 10 feet per 96W Class 2 Power Supply
- Cut Lengths: .625"
- Chip Count: 36 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- 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: DMX, PWM, RDM, DALI, 1-10V, 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

DIMMABLE · TUNABLE · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

SPECIFICATIONS

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-ELITE-50-TUNE-27K40K-95-24V-CV	1/2"	2700K-4000K	95+	731+ - 767+	36	120DEG	IP20 IP67	91+ -96+ L/W	2835	24DCV	YES	8W
SO-ELITE-50-TUNE-27K60K-95-24V-CV	1/2"	2700K-6000K	95+	731+ - 793+	36	120DEG		83+ - 90+L/W	2835	24DCV	YES	8.8W

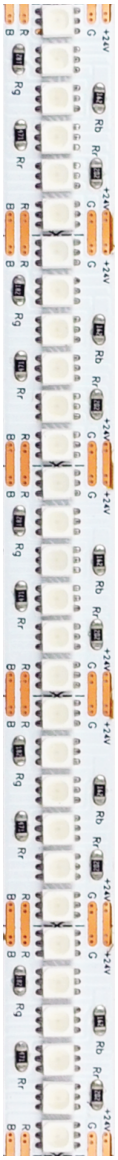
Installer assumes all liability with regard to property & safety. This product is UL listed and Title 24 Compliant. See separate Warranty and Terms & Conditions. See additional instructional materials for more information. Systems tested prior to shipping. Limited 2-year warranty against manufacturing 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

LIGHTBLADE ELITE RGB

1/2" PCB - COLOR

ELITE SERIES



DESCRIPTION

LIGHTBLADE™ ELITE SERIES RGB full spectrum flexible LED ribbon is one of the brightest and richest color mixable LEDs on the market. With a combined lumen flux of 380+ Lumens per foot, this LIGHTBLADE™ ELITE tape is engineered with the highest quality components available.

Newly launched and exclusive to our ELITE series, the tight LED design of this RGB ribbon, which includes 73 LEDs per foot, yields a continuous, dot-less LIGHTBLADE™ effect that eliminates dead spots and hot spots.

Great for theaters, event spaces, restaurants and bars where bright RGB mixing is desired, up to 9 feet and chained in a series. The ½" flexible printed circuit board is ideal for both commercial and residential cove, display and ambient lighting, architectural features or decorative indoor and outdoor needs.

FEATURES

- Lumens: 380+Total Lumen Flux (R:68 G:256: B:56)
- Efficacy: 68+ Lumens per watt
- Power: 8.8 watts per foot
- Max Run: 9 feet per 96W Class 2 Power Supply
- Cut Lengths: 1"
- Chip Count: 73 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 65 (Waterproof)
- LED Type: 3535
- 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: DMX, PWM, RDM
- Reel Length: 16 feet
- Certification: T24, UL, CUL, CE, ROHS Approved
- 3-Step MacAdam Ellipses for Quality Control

APPLICATION

- Architectural decorative lighting
- Theater
- Recording Studios
- Event Spaces
- Restaurants and Bars

SPECIFICATIONS

DIMMABLE · TUNABLE · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	DIMMING	POWER / FT
SO-ELITE-50-RGB-24V-CV	1/2"	RGB	RGB	380	73	120DEG	IP20 / IP65	68+ L/W	3535	24V DC	YES	8.8W

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

LIGHTBLADE ELITE TUNE

1/2" PCB - TUNABLE WHITE

ELITE SERIES

DESCRIPTION

LIGHTBLADE™ ELITE SERIES Tunable White flexible LED ribbon is designed to be one of the brightest and clearest ribbons on the market. With a 96+ efficacy rating, this LIGHTBLADE™ ELITE ribbon is engineered with the highest quality components available. It delivers an output performance of 767+ lumens per foot at 4000K with the highest available tunable CRI of 95+.

Our compatible Digital Addressable Lighting Interface (DALI) wall switches are intuitive and easy to deploy. These innovative switches control tunable colors on an integrated rocker slider without the need for overly expensive programmable interfaces.

Great for large environments or indirect cove lighting where bright accurate color rendering is desired, up to 10 feet and chained in a series. Ideal for commercial and residential fixtures, ceilings, cove lighting, utility, indirect and other architectural features or decorative indoor needs.

FEATURES

- CRI 95+
- Lumens: 767+per foot at 4000K
- Efficacy: 96+ Lumens per watt
- Power: 18.8 watts per foot
- Max Run: 10 feet per 96W Class 2 Power Supply
- Cut Lengths: .625"
- Chip Count: 36 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- 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: DMX, PWM, RDM, DALI, 1-10V, 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

DIMMABLE · TUNABLE · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

SPECIFICATIONS

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-ELITE-50-TUNE-27K40K-95-24V-CV	1/2"	2700K-4000K	95+	731+ - 767+	36	120DEG	IP20 IP67	91+ -96+ L/W	2835	24DCV	YES	8W
SO-ELITE-50-TUNE-27K60K-95-24V-CV	1/2"	2700K-6000K	95+	731+ - 793+	36	120DEG		83+ - 90+L/W	2835	24DCV	YES	8.8W

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

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

DIMMABLE | 95+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

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.

sales@shineonled.com
415.563.5517

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

DIMMABLE | 95+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

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.

sales@shineonled.com
415.563.5517

SHINEON LED
BETTER. BRIGHTER. CLEARER.

LIGHTBLADE GC

CONTRACTOR SERIES LED RIBBON

LIGHTBLADE GC COB

5/16" PCB - KICK PANEL

CONTRACTOR SERIES

DESCRIPTION

LIGHTBLADE™ CONTRACTOR SERIES 5/16" COB flexible LED ribbon is designed to be more durable on the job site, with a protective silicone "Chip on Board" COB covering, thicker and wider copper pads for soldering, and heavy-duty 3M VHB adhesive. This ribbon can be used with or without an extrusion or diffuser, allowing for a broader range of applications.

A greater number of LEDs per foot combined with the COB covering creates a dot-less LIGHTBLADE™ effect that eliminates hot spots. Great for environments where accurate color rendering is desired over a long distance, up to 18 feet.

Ideal for kick panels, ringlets, under cabinet, furniture, bookshelves, cove lighting and other architectural or decorative indoor or outdoor needs.

FEATURES

- CRI 90+
- Lumens: 433+per foot at 4000K
- Efficacy: 101+ Lumens per watt
- Power: 4.27watts per foot
- Max Run: 18 feet per 96W Class 2 Power Supply
- Cut Lengths: 2"
- Chip Count: 700 Continuous Integrated LEDs per foot.
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- LED Type: Integrated Chip On Board
- Lifespan: 50,000 Hours (12 hrs. a day for 17 yrs.)
- Backing: Premium 3M VHB adhesive
- Voltage: 24Volt DC
- Current: Constant Voltage
- Beam Angle: 180 degrees
- Dimming: Triac, 1-10V, PWM, DALI, 0-10V dimming to zero
- Reel length: 16 feet and 100' GC reels
- 3-Step MacAdam Ellipses for Quality Control
- Certification: T24, UL, CUL, CE, ROHS Approved

APPLICATION

- Architectural decorative lighting
- Cabinet kick panel lighting
- Backlight or edge light furniture
- Cove soffit

DIMMABLE | 90+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

SPECIFICATIONS

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-GCCOB-25-27K-90-24V-CV	5/16"	2700K	90+	400+	Continuous	170 DEG	IP20 IP67	94+ L/W	Chip On Board	24DCV	YES	4.27W
SO-GCCOB-25-30K-90-24V-CV	5/16"	3000K	90+	400+	Continuous	170 DEG		94+ L/W	Chip On Board	24DCV	YES	4.27W
SO-GCCOB-25-40K-90-24V-CV	5/16"	4000K	90+	433+	Continuous	170 DEG		101+ L/W	Chip On Board	24DCV	YES	4.27W

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

LIGHTBLADE GC COB

1/2" PCB - UNDER CABINET

CONTRACTOR SERIES

DESCRIPTION

LIGHTBLADE™ CONTRACTOR SERIES 1/2" COB flexible LED ribbon is designed to be more durable on the job site, with a protective silicone "Chip on Board" COB covering, thicker and wider copper pads for soldering, and heavy-duty 3M VHB adhesive. This ribbon can be used with or without an extrusion or diffuser, allowing for a broader range of applications.

A greater number of LEDs per foot combined with the COB covering creates a dot-less LIGHTBLADE™ effect that eliminates hot spots. Great for environments where accurate color rendering is desired over a long distance, up to 18 feet.

Ideal for kick panels, ringlets, under cabinet, furniture, bookshelves, cove lighting and other architectural or decorative indoor or outdoor needs.

FEATURES

- CRI 90+
- Lumens: 433+per foot at 4000K
- Efficacy: 101+ Lumens per watt
- Power: 4.27watts per foot
- Max Run: 18 feet per 96W Class 2 Power Supply
- Cut Lengths: 2"
- Chip Count: Continuous Integrated LEDs
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- LED Type: Integrated Chip On Board
- Lifespan: 50,000 Hours (12 hrs. a day for 17 yrs.)
- Backing: Premium 3M VHB adhesive
- Voltage: 24Volt DC
- Current: Constant Voltage
- Beam Angle: 180 degrees
- Dimming: Triac, 1-10V, PWM, DALI, 0-10V dimming to zero
- Reel length: 16 feet and 100' GC reels
- 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
- Cove soffit

DIMMABLE | 90+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

SPECIFICATIONS

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-GCCOB-50-27K-90-24V-CV	1/2"	2700K	90+	400+	Continuous	170 DEG	IP20 IP67	94+ L/W	Chip On Board	24DCV	YES	4.27W
SO-GCCOB-50-30K-90-24V-CV	1/2"	3000K	90+	400+	Continuous	170 DEG		94+ L/W	Chip On Board	24DCV	YES	4.27W
SO-GCCOB-50-40K-90-24V-CV	1/2"	4000K	90+	433+	Continuous	170 DEG		101+ L/W	Chip On Board	24DCV	YES	4.27W

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

LIGHTBLADE GC

1/2" PCB - UNDER CABINET

CONTRACTOR SERIES

DESCRIPTION

LIGHTBLADE™ GENERAL CONTRACTOR SERIES 1/2" 95+CRI flexible LED ribbon is designed to be more durable on the job site, with thicker PCB board, wider copper pads and pre-tinned for soldering, and heavy-duty 3M VHB adhesive. The dot-less LIGHTBLADE™ effect eliminates hot spots. The 100-foot reels protect the LEDs and increase the ease of install. Custom lengths and whips are also available.

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

Great for environments where accurate color rendering is desired over a long distance up to 30 feet.

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: 2"
- Chip Count: 73
- IP Rating: IP 20 (indoor) or IP 67 (Waterproof)
- LED Type: 2216
- 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: 100' GC reels w/ custom options
- 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 or edge light furniture
- Cove soffit

SPECIFICATIONS

DIMMABLE | 95+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

MODEL NO.	WIDTH	COLOR (K)	CRI	LUMENS / FT	LED / FT	BEAM ANGLE	ENVIRONMENT	EFFICACY	LED TYPE	VOLTAGE	0-10V DIMMING	POWER / FT
SO-GC-50-27K-95-24V-CV	1/2"	2700K	95+	275+	73	120 DEG	IP20 IP67	86+ L/W	2216	24DCV	YES	3.2W
SO-GC-50-30K-95-24V-CV	1/2"	3000K	95+	305+	73	120 DEG		95+ L/W	2216	24DCV	YES	3.2W
SO-GC-50-35K-95-24V-CV	1/2"	3500K	95+	305+	73	120 DEG		95+ L/W	2216	24DCV	YES	3.2W
SO-GC-50-40K-95-24V-CV	1/2"	4000K	95+	320+	73	120 DEG		100+ L/W	2216	24DCV	YES	3.2W

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.

sales@shineonled.com
415.563.5517

LIGHTBLADE GC RGB+W

1/2" PCB - COLOR + WHITE

CONTRACTOR SERIES

DESCRIPTION

LIGHTBLADE ™ CONTRACTOR SERIES RGB+W flexible LED ribbon is designed to be one of the brightest LEDs on the market. This ribbon is engineered with the highest quality components available, delivering 585+ Lumens per foot.

Great for theaters, event spaces, restaurants and bars where bright RGB+W mixing is desired, up to 9 feet and chained in a series.

Ideal for commercial and residential cove, display and ambient lighting, architectural features or decorative indoor and outdoor needs.

FEATURES

- CRI 95+
- Lumens: 585+ per foot at 4000K / 650+ at 6000K
- Efficacy: 68+ Lumens per watt
- Power: 9.1 watts per foot
- Max Run: 9 feet per 96W Class 2 Power Supply
- Cut Lengths: 2.5"
- Chip Count: 29 LEDs per foot
- IP Rating: IP 20 (indoor) or IP 65 (waterproof)
- LED Type: 5050
- 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: DMX, PWM, RDM, DALI
- Reel Length: 16 feet
- 3-Step MacAdam Ellipses for Quality Control
- Certification: T24, UL, CUL, CE, ROHS Approved

APPLICATION

- Architectural decorative lighting
- Theaters
- Recording Studios
- Event Spaces
- Restaurants and Bars

DIMMABLE · TUNABLE · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

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-50-60k-RGBW-24V-CV	1/2"	RGB+6000K	95+	650+	29	120DEG	IP20 IP67	71+	5050	24DCV	YES	9.1W
SO-SOL-50-40k-RGBW-24V-CV	1/2"	RGB+4000K	95+	585+	29	120DEG		64+	5050	24DCV	YES	9.1W

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

LIGHTBLADE SOL

SOLUTION SERIES LED RIBBON

SHINEON LED
BETTER. BRIGHTER. CLEARER.

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

DIMMABLE | 95+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

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

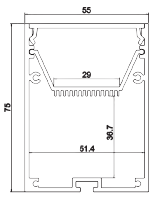
Installer assumes all liability with regard to property & safety. This product is UL listed and Title 24 Compliant. See separate Warranty and Terms & Conditions. See additional instructional materials for more information. Systems tested prior to shipping. Limited 2-year warranty against manufacturing 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.

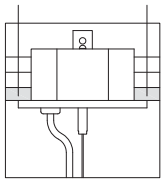
sales@shineonled.com
415.563.5517

LIGHTBLADE SOL - LINEAR FIXTURE

1" PCB - PENDANT MOUNT LINEAR LED FIXTURE

SOLUTION SERIES





*mounting by others

DESCRIPTION

LIGHTBLADE™ SOLUTION SERIES 95+CRI Linear Fixture offers the best performance, efficacy, and illumination on the market. Each custom fixture takes an architectural and lighting design approach to ensure the best lighting performance and user experience.

Each 8-foot section is interconnectable, to link together in a series for long commercial runs or 45 and 90-degree decorative suspended lighting designs. The upper wide chamber allows for long run connection points every 8 feet via T24 and UL- certified high-voltage daisy chain connection points, eliminating the need for multiple in-ceiling junction boxes.

Custom design available upon request and fixture dimensions are adjustable based on dimming protocol. Custom color and custom decorative skins available.

FEATURES

- CRI 95+
- Dimensions: 2.2" x 3" x 8'
- Weight: 20lbs
- Integrated Class 2 96W Power Supply
- Fully Integrated Premium Aluminum Fixture
- 3 Rows of LEDs
- Premium 8' Adjustable Suspended Aircraft Wire
- Premium 8' High Voltage Whip
- Plug & Play Ease of Install
- Modular 45 & 90 Degree connectable and custom designs
- Lumens: 1441+per foot at 4000K
- Efficacy: 118+ Lumens per watt
- Power: 12.2 watts per foot
- 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.)
- Voltage: 24Volt DC
- Current: Constant Voltage
- Beam Angle: 120 degrees
- Dimming: Triac, 1-10V, PWM, DALI, 0-10V dimming to zero
- 3-Step MacAdam Ellipses for Quality Control
- Component Certification: T24, UL, CUL, CE, ROHS Approved

APPLICATION

- Retail
- Commercial
- Municipal
- High-end residential

DIMMABLE | 95+ CRI | KELVIN | MORE LUMENS | PLUG & PLAY | LED MERCURY CONTENT | UV IR RADIATION | TITLE 24 COMPLIANT | ENERGY STAR | UL LISTED | RoHS COMPLIANT | 2 YEAR WARRANTY

SPECIFICATIONS

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

sales@shineonled.com
415.563.5517

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

DIMMABLE · 95+ CRI · KELVIN · MORE LUMENS · PLUG & PLAY · LED MERCURY CONTENT · UV IR RADIATION · TITLE 24 COMPLIANT · ENERGY STAR · UL LISTED · RoHS COMPLIANT · 2 YEAR WARRANTY

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