

# MERGE™ 1.5

SUSPENDED 90° L CONNECTOR

ELEMENT  
by Tech Lighting®

LED 5 YEAR WARRANTY

Creating a continuous uninterrupted line of beautiful, glare-free LED light, the ELEMENT Merge 1.5 Suspended LED linear system inconspicuously puts light where it is needed. The continuous line aesthetic created by the ELEMENT Merge 1.5 system is enhanced using a specifically engineered 90° turn connector. Lines of LED light can be designed to seamlessly make 90° same-plane turns for enhanced design interest while also allowing the option to add spot heads for accent and task lighting, all without adding more light fixtures to the space.

## Key Features:

- 3-Step or better color binning
- Internal reflector finished with high-reflectance matte white paint for even light distribution & optimal efficiency
- **Note:** Suspended corner connectors accept low-voltage track heads only. Corner connectors not suitable for pendant mounting.

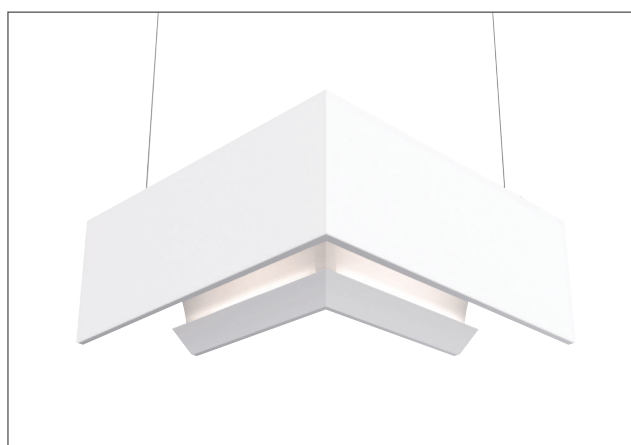
## SPECIFICATIONS

DELIVERED LUMENS	700 lms/ft or 450 lms/ft
WATTS	12 watts/ft or 7 watts/ft
EFFICACY	58 or 64 l/w
CRI	80+, 90+
CCT OPTIONS	2700K, 3000K, 3500K or Warm Color Dimming (3000K-2000K)
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
DIMMING	ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume Eco System, 0-10V 1%, 0-10V 0.1%
CEILING APPEARANCE	Suspended aircraft cable or rigid stem
POWER SUPPLY**	Constant Current (Each linear channel includes a self-contained ELV, 0-10V, Lutron Hi-Lume 2 Wire PWM (120V only) or Lutron Hi-Lume, Eco System Fade-to-Black Driver)
CONSTRUCTION	Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (Static White, 90 CRI versions).
LED LIFETIME	L70; 50,000 hours
WARRANTY*	5 years

\*Visit ELEMENT-lighting.com for specific warranty limitations and details.

\*\*Consult Quotes Department for additional driver options.

Max run length is 80' for the channel; typical max run length is 40' for the low-voltage bus which can be powered from both sides for a total of 80'; system wattage will impact max run length

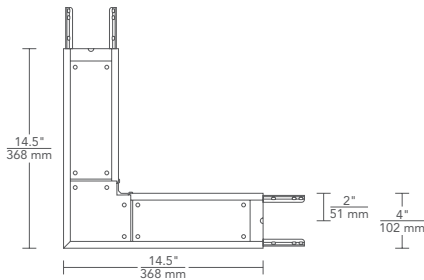


MERGE  
shown suspended

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SUSPENDED 90° L CONNECTOR

## DIMENSIONS



Suspended 90° L connector (top view)

## GRIDS

### LINEAR CHANNELS

SYSTEM	TYPE	MOUNTING	CRI/COLOR TEMPERATURE	FINISH	CONTROLS
SLS1	L "L" CONNECTOR	SR04 48" RIGID STEM	H0835 80 CRI, 3500K, HIGH DOWN ONLY	W MATTE WHITE	ELV0 ELV/0-10V DIMMING UNV† & FOR 0 DOWN/0 UPLIGHT
		SR08 96" RIGID STEM	H0927 90 CRI, 2700K, HIGH DOWN ONLY		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV†
		SA04 48" ADJUSTABLE CABLE	H0930 90 CRI, 3000K, HIGH DOWN ONLY		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†
		SA12 144" ADJUSTABLE CABLE	H0935 90 CRI, 3500K, HIGH DOWN ONLY		ELD1 ELDOLED 1% 0-10V LINEAR UNV†
			H09WD 90 CRI, WARM DIM 3000-2000K, HIGH DOWN ONLY		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†
			S0835 80 CRI, 3500K, STANDARD DOWN ONLY		HL2W LUTRON HI-LUME 1% 2 WIRE/PWM**
			S0927 90 CRI, 2700K, STANDARD DOWN ONLY		HLECO LUTRON HI-LUME 1% ECOSYSTEM FADE-TO-BLACK UNV†
			S0930 90 CRI, 3000K, STANDARD DOWN ONLY		
			S0935 90 CRI, 3500K, STANDARD DOWN ONLY		
			S09WD 90 CRI, WARM DIM 3000-2000K, STANDARD DOWN ONLY		
			00 0 DOWN / 0 UP*		

\*USE WITH LINEAR FIXTURES WITH UPLIGHT ONLY. \*\*HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY. †UNV = 120V/277V INPUT VOLTAGE.

### T-BAR CLIPS

SYSTEM	SIZE	FINISH
GTB	09 9/16"	B BLACK
	15 15/16"	W WHITE

### GTB

USED WHEN INSTALLING A SUSPENDED MERGE SYSTEM RUN ON A LAY-IN T-GRID CEILING, EACH SUSPENSION POINT REQUIRES ONE T-BAR CLIP. SHOWN WITH COUPLING INCLUDED WITH FIXTURE MOUNTING HARDWARE.

## PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

**ELEMENT**  
by Tech Lighting†

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