

MERGE™ 1.5

FLUSH MOUNT 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 Flush 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

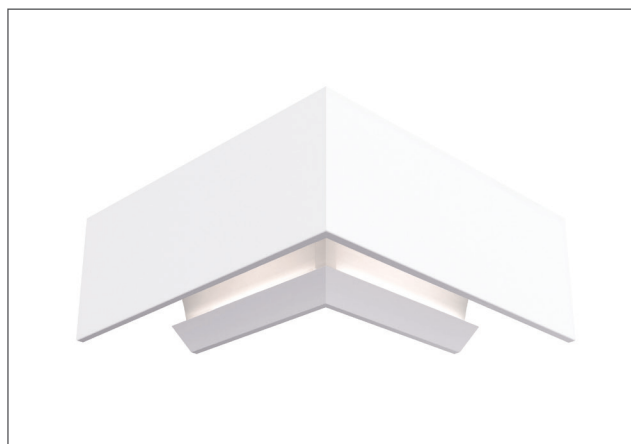
SPECIFICATIONS

DELIVERED LUMENS	650 lms/ft or 450 lms/ft
WATTS	12 watts/ft or 7 watts/ft
EFFICACY	54 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	Flush Mount
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

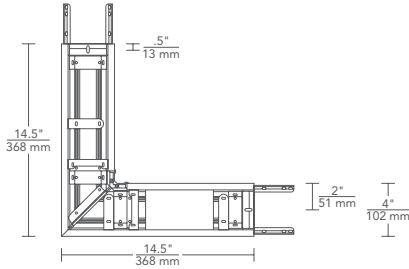


MERGE
shown flush mounted

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DIMENSIONS



Flush 90° L connector (top view)

GRIDS

LINEAR CHANNELS

SYSTEM	TYPE	CRI / COLOR TEMPERATURE	FINISH	CONTROLS
FLS1	L "L" CONNECTOR	H835 HIGH OUTPUT, 80 CRI, 3500K	W MATTE WHITE	ELV0 ELV/0-10V DIMMING UNV†
		H927 HIGH OUTPUT, 90 CRI, 2700K		ELD0 ELDOLED 0.1% 0-10V LINEAR UNV†
		H930 HIGH OUTPUT, 90 CRI, 3000K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC UNV†
		H935 HIGH OUTPUT, 90 CRI, 3500K		ELD1 ELDOLED 1% 0-10V LINEAR UNV†
		H9WD HIGH OUTPUT, 90 CRI, WARM DIM/3000-2000K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC UNV†
		S835 STANDARD OUTPUT, 80 CRI, 3500K		HL2W LUTRON HI-LUME 1% 2 WIRE/PWM*
		S927 STANDARD OUTPUT, 90 CRI, 2700K		HLECO LUTRON HI-LUME 1% ECO-SYSTEM FADE-TO-BLACK UNV†
		S930 STANDARD OUTPUT, 90 CRI, 3000K		
		S935 STANDARD OUTPUT, 90 CRI, 3500K		
		S9WD STANDARD OUTPUT, 90 CRI, WARM DIM/3000-2000K		
FLS1	L		W	

*HL2W – TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY. †UNV = 120V/277V INPUT VOLTAGE.

PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

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