

Creating a continuous uninterrupted line of beautiful, glare-free LED light, the ELEMENT Merge recessed linear system inconspicuously puts light where it is needed without drawing attention to the fixture. The continuous line aesthetic created by the ELEMENT Merge system is enhanced using either a specifically engineered 90° turn connector or wall-to-ceiling connector. Lines of LED light (also available with an RGB option) can be designed to seamlessly make 90° same-plane turns or transition from ceiling to wall 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

- Seamlessly makes wall-to-ceiling transitions for enhanced design (not available in Lay-in)
- Low profile design for use in 2x6 construction
- Dual sided illumination for even light along the channel
- 3-Step or better color binning on all non-RGB options
- Internal reflector finished with high reflectance matte white paint for even light distribution & optimal efficiency

SPECIFICATIONS

DELIVERED LUMENS	700 lms/ft
WATTS	18
EFFICACY	78 l/w
CRI	80+, 90+ & RGB
CCT OPTIONS	2700K, 3000K, 3500K, or Programmable White (2700K-4000K), RGB
VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
DIMMING	ELV, 0-10, DMX, Hi-Lume
TRANSITIONS	Optional illuminated 90° ceiling-to-wall transitions (not available in Lay-in)
CEILING APPEARANCE	Flanged or Flangeless
CEILING APERTURE	3" beveled
HOUSING	IC Airtight available in 2', 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult factory for Chicago Plenum).
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, DMX driver for RGB), 0-10V 1%, 0-10V 0.1%
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
LED LIFETIME	L70; 50,000 hours
WARRANTY*	5 years

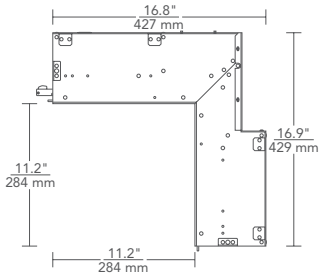
*Visit ELEMENT-lighting.com for specific warranty limitations and details.
**Consult Quotes Department for additional driver options.

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

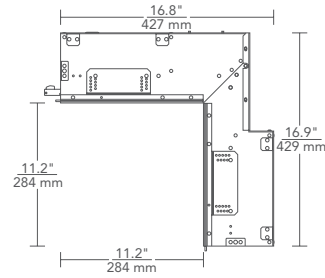


MERGE
shown flangeless

HOUSING



Flanged wall-to-ceiling (side view)



Flangeless wall-to-ceiling (side view)

GRIDS

SYSTEM	TYPE	OUTPUT	CEILING APPEARANCE	CRI / COLOR TEMPERATURE	FINISH	CONTROLS	VOLTAGE
RLS3	WTC WALL-TO-CEILING	7 700 LUMENS/FT	RF RECESSED FLANGED	827 80 CRI, 2700K	W MATTE WHITE	ELV STANDARD ELV	1 120 VOLT
			RL RECESSED FLANGELESS	830 80 CRI, 3000K		010 0-10V DIMMING	
				835 80 CRI, 3500K		ELD0 ELDOLED 0.1% 0-10V LINEAR	
				927 90 CRI, 2700K		ELD0A ELDOLED 0.1% 0-10V LOGARITHMIC	
				930 90 CRI, 3000K		ELD1 ELDOLED 1% 0-10V LINEAR	
				935 90 CRI, 3500K		ELD1A ELDOLED 1% 0-10V LOGARITHMIC	
				82740 80 CRI, PROGRAMMABLE WHITE*		HL2W HI-LUME 2 WIRE/PWM†	
				RGB RGB**		HLECO HI-LUME ECO-SYSTEM FADE-TO-BLACK	
						DMX DMX CONTROL	
			RSL3	WTC		7	

*0-10 VOLT DIMMING ONLY. **DMX CONTROL ONLY. †HL2W – TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

ELEMENT
by Tech Lighting®

GENERATION BRANDS
7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400 F 847.410.4500

