

# MERGE™ 3.0

90 DEGREE L CONNECTOR RECESSED TRACK

**ELEMENT**  
by Tech Lighting®

LED 5 YEAR WARRANTY

The continuous line aesthetic created by the ELEMENT Merge 3.0 recessed track system is enhanced using a specifically engineered 90° turn connector. ELEMENT Merge 3.0 recessed track 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.

### Pristine design and features:

- Option to add spot heads for accent and task lighting
- Low profile design for use in 2x6 construction

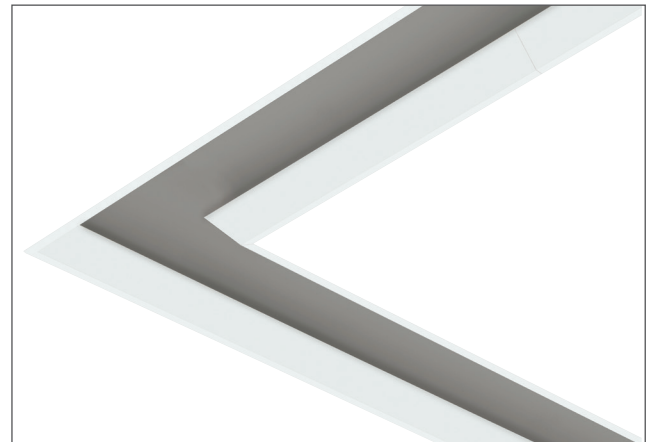
### Flanged option is field paintable

## SPECIFICATIONS

VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
CEILING APERTURE	3" beveled
CEILING APPEARANCE	Flanged or Flangeless
HOUSING	IC Airtight (IC suitable up to R60 spray foam insulation)
TRANSITIONS	Seamlessly make 90° (same plane) turns for enhanced design
GENERAL LISTING	ETL
CONSTRUCTION	Housing: 20 gauge sheet metal Extrusion: Aluminum
HARDWARE	Steel
FINISH	White Powder Coat
WARRANTY*	1 Year*

\*Visit [ELEMENT-lighting.com](http://ELEMENT-lighting.com) for specific warranty limitations and details.

Notes: 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

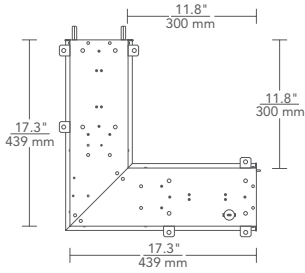


MERGE  
shown flanged

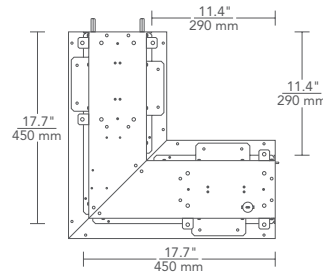
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## DIMENSIONS



Flanged 90° L connector (top view)



Flangeless 90° L connector (top view)

## GRIDS

### CONNECTOR/TRANSITION

SYSTEM	TYPE	OUTPUT	CEILING APPEARANCE	FINISH
RLS3	L	0 NO INDIRECT - 12V BUS ONLY*	RF RECESSED FLANGED	W MATTE WHITE
	LPF		RL RECESSED FLANGELESS	
RLS3		0		W

\*TRANSFORMER REQUIRED TO ENERGIZE THE LOW-VOLTAGE BUS. †\*CLOSED\* CONFIGURATIONS REQUIRE CONNECTOR WITH POWER FEED.

### TRANSFORMERS\* (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT152EL	ELECTRONIC, 150W, 120V	ELV
700AT152ELD010	ELECTRONIC, 150W, 120V	0-10V
700AT150T	MAGNETIC, 150W, 120V	MAGNETIC
700AT150T277	MAGNETIC, 150W, 277V	MAGNETIC
700AT302EL	ELECTRONIC, 300W, 120V	ELV
700AT300T	MAGNETIC, 300W, 120V	MAGNETIC
700AT300T277	MAGNETIC, 300W, 277V	MAGNETIC

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT. \*CONSULT SPEC SHEETS FOR DIMENSIONS.

## PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

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