

Whether being used to highlight architectural elements, to accent specific features of an environment, or for use as task lighting, ELEMENT Merge 1.5 recessed track allows spot heads or pendants to be added directly into the recessed channel at any point along its concealed low-voltage bus system. All ELEMENT Merge 1.5 recessed track components feature a beveled aperture to integrate seamlessly with architecture for sleek ceiling-to-fixture transitions. Available in 4', 6' and 8' lengths for lay-in installation.

### Key Features:

- Two spot head options: Merge Capsule and Merge Drop-down
- Twist-and-lock design allows adjustable LED spot heads to be placed anywhere along the bus channel
- Low profile design for use in 2x4 construction
- Lay-in (T-grid) optimized for 9/16" or 15/16"
- Must order 44" 4L-Fixture for any total lay-in run lengths
- FreeJack adapter allows the use of any Tech Lighting low-voltage head or pendant

### SPECIFICATIONS

VOLTAGE	120V or 277V (Concealed 10 gauge, low-voltage bus bar, order 12-volt remote transformer sold separately)
CEILING APERTURE	1.5" beveled
CEILING APPEARANCE	Lay-in (T-grid) optimized for 9/16" or 15/16"
HOUSING	IC Airtight available in 4', 6' and 8'. IC suitable up to R60 spray foam insulation (Consult Quotes Department for Chicago Plenum option)
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

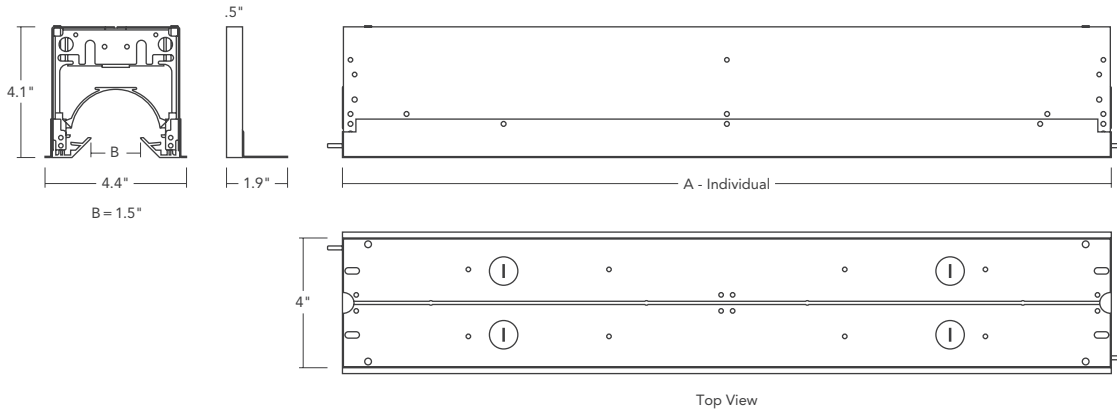


MERGE  
shown lay-in

# MERGE™ 1.5

LAY-IN RECESSED TRACK

## HOUSING



## DIMENSIONS

	LENGTH (A)
4' INDIVIDUAL	48"
6' INDIVIDUAL	72"
8' INDIVIDUAL	96"
4L-FIXTURE*	44"

\*Must purchase lay-in finishing kit. Includes 2 T-grid plates.  
4' minimum run length for lay-in installations. Must order 44"  
4L-Fixture for any other total lay-in run lengths.

	TOTAL LAY-IN RUN LENGTH
4L-FIXTURE*	48"
4' INDIVIDUAL + 4L-FIXTURE*	96"
6' INDIVIDUAL + 4L-FIXTURE*	120"

\*Must purchase lay-in finishing kit. Includes 2 T-grid plates.  
4' minimum run length for lay-in installations. Must order 44"  
4L-Fixture for any other total lay-in run lengths.

## GRIDS

### LINEAR CHANNELS

SYSTEM	NOMINAL LENGTH	CEILING APPEARANCE	OUTPUT	FINISH
RLS1	4 4 FT	LI LAY-IN (T-GRID)†	0 NO OUTPUT - 12V BUS ONLY*	W MATTE WHITE
	6 6 FT			
	8 8 FT			
	4L 4 FT (44" LAY-IN ONLY)†			
RLS1		LI	0	W

\*TRANSFORMER REQUIRED TO ENERGIZE THE LOW-VOLTAGE BUS. †ALL LAY-IN (T-GRID) RUNS MUST INCLUDE ONLY ONE "4L" REGARDLESS OF THE RUN LENGTH, UNLESS LINEAR RUN IS BOUNDED BY L-CONNECTORS ON BOTH ENDS.

### FINISHING KIT

SYSTEM	TYPE	STYLE	CEILING APPEARANCE	FINISH
RLS1	FK FINISHING KIT	1 CLOSED ENDCAP	LI LAY-IN (T-GRID)	W MATTE WHITE
RLS1	FK	1	LI	W

INCLUDES 2 ENDCAPS AND ALL NECESSARY MOUNTING HARDWARE.

### TRANSFORMERS\* (REQUIRED, 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

**ELEMENT**  
by Tech Lighting®

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