

Series LLLFR

LED Linear Lines of Light

(2.17" with Flange for Hard Ceiling)

The Series LLLFR is a linear channel with snap-in lens that is intended for use in conjunction with LED tape, plus separately-orderable remote mount drivers. These luminaires offer powerful micro-illumination and stylish lines of light in 4 foot, 8 foot or custom lengths for recess mounting individually or in continuous runs. Installation is also possible in unique patterns.

The sleek styling of this luminaire is only matched by its excellent energy efficiency at 531 lumens per foot using only 6 watts. Ideal for general lighting applications in both commercial and residential applications for circulation spaces, high impact areas and residentially over tables, kitchen islands and home offices. The versatility and clean styling of the LLLFR makes this an ideal choice in many, many applications.

CONSTRUCTION

The LLLFR uses the latest in High Powered 24V LED Tape Lighting that is precisely-sized to this channel. Popularly sized at four foot, eight foot, or custom sizes from the factory. Can be joined together in custom configurations for longer runs. Each channel requires a separately-ordered, remote 24V driver sized to the wattage of the channel to power the LED Tape.

MOUNTING

Channels can be recessed mounted only. Recessed mounting requires specifying the channel and LED tape separately so the channel can be mounted first with mounting clips. The LED tape will need to be ordered separately and then field installed. Each channel requires installation of a remote driver wired to the electrical wiring provided with each channel. Channels can be combined to a single remote driver if total load does not exceed driver wattage rating.



DIMENSIONS

4ft. – 47.24"L x 2.17"W x 1.38"H

8ft. – 96.46"L x 2.17"W x 1.38"H

Contact factory for custom lengths.

FEATURES & BENEFITS

- Engineered for premium performance in medium and high ceiling applications
- 3000 and 4000 Kelvin temperature options
- High Satin Aluminum
- Designed especially for flexible LED Tape
- Requires Remote Driver
- Ideal for wide area lighting to put the light exactly where you need it with fewer fixtures
- Snap-in lens provides 531 lumens per foot using less than 6 watts
- CRI >80
- >50,000 hrs of L70 LED life
- Dimming: 0-10Volt 120-277V or 120V TRIAC (see remote driver section)
- Power factor >0.90
- Suitable for dry and damp locations
- 5 year warranty



ORDER INFORMATION

Factory at your fingertips. Fill in the blanks to create your part number or create a custom configuration.

SERIES	W		L		COLOR & CRI	
	SIZE	WATTAGE & LUMENS *	SIZE	WATTAGE & LUMENS *	COLOR	CRI
LLLFR	48L	47.24"	24W2125L	24 Watts 2125 Lumens	30K	3000K 80 CRI
	96L	96.46"	49W4335L	49 Watts 4335 Lumens	40K	4000K 80 CRI

SPECIFYING CUSTOM SIZE	*Determine the Size	**Calculate Wattage and Lumens
	(Choose any size from 2" to 96" in 2" increments) ___L - Custom length in inches in 2" multiples	Wattage: Multiply length in inches x .51 Lumens: Multiply length in inches x 45.15 ___W = .51 x ___inches ___L = 45.15 x ___inches

Pattern Options

ITEM NO.	DESCRIPTION
LLLFCORNER30K	LLLFR 90° Flat Corner 3000K
LLLFCORNER40K	LLLFR 90° Flat Corner 4000K
LLLFCROSS30K	LLLFR Flat X-Cross 3000K
LLLFCROSS40K	LLLFR Flat X-Cross 4000K
LLLFRIS9030K	LLLFR 90° Inside Corner 3000K
LLLFRIS9040K	LLLFR 90° Inside Corner 4000K
LLLFRJOINER	Joiner Spline for LLL FR Extrusion
LLLFROS9030K	LLLFR 90° Outside Corner 3000K
LLLFROS9040K	LLLFR 90° Outside Corner 4000K
LLLFRTEE30K	LLLFR Flat "T" 3000K
LLLFRTEE40K	LLLFR Flat "T" 4000K

Accessories

ITEM NO.	DESCRIPTION
LLLFRRECClip	LLFR Recessed Screw Clip
LLLFRSPRINGCLIP	LLLFR Butterfly Spring Clip Set (2)

Drivers (External)

Magnetic driver from Magnitude is dimmable with any standard 120V TRIAC dimmer or electronic driver from AC Electronic is dimmable with 0 - 10 Volt dimming. See Driver specification sheets for details.

PART NUMBER	BRAND	MAX WATTAGE	DIMENSIONS	REMOTE DISTANCE (MAX)
MTIM40L24DC	Magnitude	40W	5.6"L X 2.14"W X 2"H	20ft
MTIM60L24DC	Magnitude	60W	6.55"L X 2.55"W X 2.25"H	15ft
MTIM100L24DC	Magnitude	100W	6.55"L X 2.55"W X 2.25"H	10ft
MTIM150L24DC	Magnitude	150W	6.55"L X 2.55"W X 2.25"H	5ft
ACA25VD24H104	AC Electronic	25W	9.5"L X 1.7"W X 1.14" H	18ft
ACA60VD24H25	AC Electronic	60W	9.5"L X 1.7"W X 1.14" H	18ft
ACA100VD24H41	AC Electronic	100W	9.5"L X 2.4"W X 1.46" H	18ft

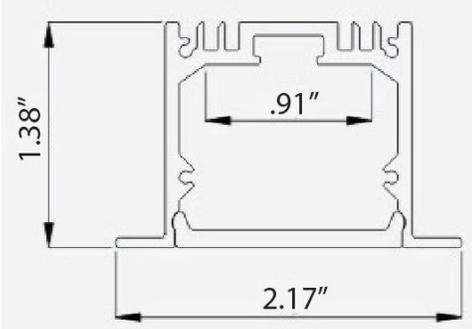
Output Voltage - 24VDC.

*Programmable LED drivers allow custom configured wattages and corresponding lumens.

NOTE: Values shown are typical or recorded under standardized conditions at 25°C. Actual performance may vary based on environment or application. Specifications are subject to change without notice. We reserve the right to change design, materials, LED's and finish in any way that will not alter installed appearance or reduce function and performance.

DRAWINGS & IMAGES

Top



ACCESSORIES



Screw Clip
LLLFRRECCLIP



Spring Clip
LLLFRSPRINGCLIP

PATTERN OPTIONS



Flat Corner
LLLFRCORNER30K/40K



Inside Corner
LLLFRIS9030K/40K



Outside Corner
LLLFROS9030K/40K



Flat "T"
LLLFRTEE30K/40K



X-Cross
LLLFRCROSS30K/40K