



TRACER™ series

LED TRACER - FT2314X

Linear Flexible Lighting System



features

- Excellent for extremely low profile channel letters as low as 1.25"
- US-patented innovative design for maximum flexibility: bendable in all directions!
- Extremely bright
- Cuttable every 3 LEDs for maximum flexibility in lengths
- Save time and cost in lighting up difficult low-profile letters
- Strict color rank control to maintain consistent color.
- Double-sided tape for easy mounting
- Dry and Damp location rated*
- Pre-applied silicone coating w/ consistent thickness for damp rating use
- UL Approved Component on Sign Accessories Manual

*In damp locations, solder point must be conformal coated.

product photo



overview

Introducing Bitro's new and exclusive flexible, bendable, "traceable" LED tape modules: TRACER X!

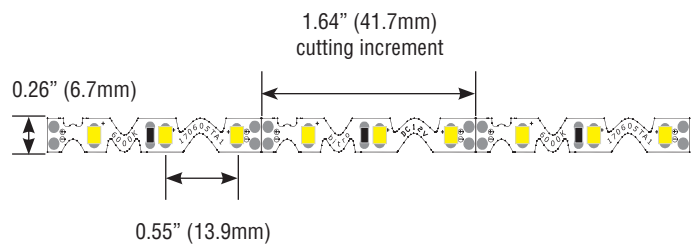
TRACER X is small, thin, versatile and bright! It offers a tremendous amount of freedom and flexibility in laying out LEDs in continuous lines within extremely narrow channel letters. The patented design allows the TRACER to bend both vertically AND horizontally without excessively straining the circuit, and the pcb is cuttable every three LEDs. A new feature to the tracer lineup: TRACER X is also silicone coated, making it ideal for both dry and damp* rated channel letters and window signs. TRACER X is offered in various color temperatures. Soldering is necessary for making electrical connections.

TRACER X brings conventional bulky channel letters to a whole new level of thinner, lower profile, and brighter lettersets that outperform the competition!

*In damp locations, solder point must be conformal coated.

models & dimension

FT2314X





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specifications

Model & Configuration	Series	LED Tracer
	Model	FT2314X
	LED Type	2835 SMD Chip
	LED Pitch	0.55"(13.9mm)
	Reel Length	16.4 ft (5m)
	Strip Width	0.26" (6.7mm)
	Strip Height	0.059" (1.5mm)
	Cutting Increment	3 Bulbs 1.64" (41.7mm)
	UL File # / Ref. #	E341583, BT-PCB, "Flexible Strips"
	CSA File # / Ref. #	258485, "BT-PCB"
CE Ref. #	"BT-PCB"	

Application	Ideal Application	Low Profile Letters
	Min. Channel Depth	1.25"
	Indoor / Outdoor	Dry and Damp Locations* (Pre-Coated with Silicone Spray)
	Mounting Method	Double-sided Tape
	Connections / Lead	Lead provided on beginning of roll / soldering required for additional leads

Power & Illumination	Operating Voltage	12VDC
	Power Consumption	1.91 W/ft (6.25 W/m)
	Power Consumption	0.26 W/Circuit
	Brightness (lm / ft)*	191 lm/ft
	Lumen Efficacy*	100 lm/W
	Max Load on ASU-60-12U (60W-12V)	28.3 ft max (207 circuits) 6ft max per power lead run (44 circuits)

*In damp locations, solder point must be conformal coated.

MISC	Warranty	3 Year Warranty
	Min. Order Unit	16.4 ft (5m) / 1 reel

Part Numbers	Bright White, 6500K	FT2314X-12-BW65-5M
	DayWhite, 5000K	FT2314X-12-DW50-5M
	SoftWhite, 4000K	FT2314X-12-SW40-5M
	WarmWhite, 3200K	FT2314X-12-WW32-5M
	Red	FT2314X-12-R-5M
	Green	FT2314X-12-G-5M
	Blue	FT2314X-12-B-5M

applications



layout service

Please email estimate@bitrogroup.com with drawings for prompt layout services.

contact bitro

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