FOUNDATION SERIES LED DRIVERS

PROGRAMMABLE CONSTANT CURRENT LED DRIVERS

FEATURES

- Programmable Class 2 Output
- High Power Density
- Excellent Thermal Management
- Tri-Dim Capability (1% for Forward Phase, Reverse Phase, and 0-10V)
- Dim-to-off Capability
- Universal Input Range 120V-277V
- Bottom Feed Option (FTY SKU)

APPROVALS / CERTIFICATIONS

c (UL) us LISTED CLASS P   FC   RoHS COMPLIANT   TITLE 24 COMPLIANT

Patents Pending

PROGRAMMING

- Foundation Series LED drivers are software programmable using the Foundation Programming Portal. The portal can be accessed through the Google Chrome browser on Windows-Based PCs, Macs or Android devices The Foundation USB Connector is required and the LED driver does not need to be powered on during programming.

- The Foundation Programming Portal is a secure, cloud-based application that is designed for high-volume manufacturing environments. The Portal allows users to easily to set LED Driver parameters like output current, dimming curves and dim-to-off functionality. Programming profiles can be generated and stored within the Portal for easy future access and reference. Additionally, a record of all programming session are kept within the system and track model number, date of programming, programmed parameters and serial number.

- The Foundation USB Connector Provides a physical interface between the Foundation Series LED Driver and the programming device and is required for programming. The Foundation USB Connector can be plugged directly into a USB-A port or can utilize a USB-C adapter to connect to USB-C enabled devices.

ELECTRICAL CHARACTERISTICS

Max. Power	Programmable Current Range	Output Voltage (VDC)	Part Number	Dimming Type	Input Voltage
15W	150-350mA	20-42	FTX15-0350T-42-UNV	Tri-Dim (TRIAC, ELV and 0-10V)	120-277 VAC
			FTY15-0350T-42-UNV		
			FRX15-0350T-42-UNV		
	200-500mA	15-30	FTX15-0500T-30-UNV		
			FTY15-0500T-30-UNV		
			FRX15-0500T-30-UNV		
30W	350-700mA	20-42	FTX30-0700T-42-UNV		
			FTY30-0700T-42-UNV		
40W	350-900mA	33-42	FTX40-0900T-42-UNV		
			FTY40-0900T-42-UNV		
50W	600-1200mA	20-42	FTX50-1200T-42-UNV		
			FTY50-1200T-42-UNV		

FRX15
2.6"D x 1.18"H

FTX50
4.50"L x 1.6"W x 1.26"H

FTX40
3.35"L x 1.6"W x 1.18"H

FTX15 & FTX30
3.35"L x 1.6"W x 1.10"H