

# F-Drive

Modular, centralized LED power control





## ACCESSIBLE, CENTRALIZED LED POWER SUPPLIES

F-Drive from ETC pulls all of your LED power supplies together in one accessible system. From the convenience of an electrical room or cabinet, easily service and modify the critical components controlling your LED luminaires. Swappable output cards make it simple to configure F-Drive to suit the needs of any space with both rack- and wall-mount options available. F-Drive is compatible with LED fixtures and is specifically designed for seamless use with ArcSystem Navis luminaires from ETC.

The F-Drive design features modular control and output cards to build an efficient system for your range of LED luminaires. Simply slide the various output card options in and out of the F-Drive R12 rack to customize your system. The driver cards are hot-swappable, allowing change or replacement without losing the rest of your lighting power.



### F-Drive R12

- Rack-mount option
- Modular design with swappable cards
- Twelve slots with four channels each
- External power supply



### F-Drive W1

- Wall-mount option
- CC, CV, FTW, and Chroma compatible
- Four channels of power
- W1E option available for emergency applications



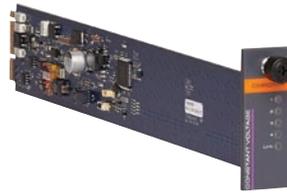
## SAVING TIME & MONEY

F-Drive is a Class 2/LVLE power system using standard Category cable (minimum 23 AWG) with 48 VDC input powered by an external power supply. This lowers installation costs and, in many cases, removes the need for expensive cable containment.

## R12 OUTPUT CARD OPTIONS



**CC 150** – Four channels of constant current outputs with variable drive current configuration between 200-700 mA, allowing 150W total power per card



**Chroma 100** – Provides 48 VDC and data for up to four Navis 100 RGBW luminaires



**CV 150** – Four channels of 24 VDC constant voltage outputs, allowing 150W total power per card



**ArcLamp 150** – Provides power and control for up to 32 ETC ArcLamp luminaires across four channels



**FTW 150** – Four channels of 450 mA constant current outputs optimized for use with Navis 100 Fade to Warm fixtures



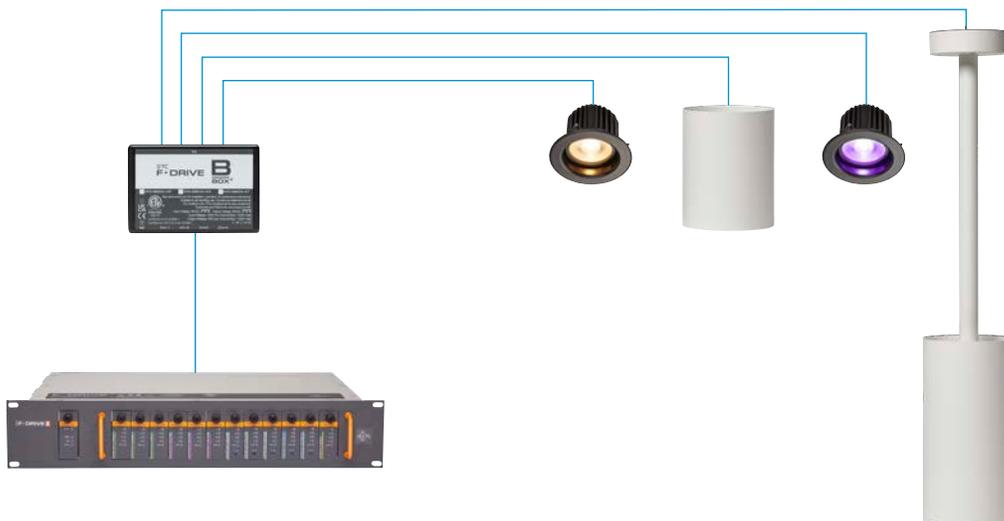
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## LESS WIRING, MORE FLEXIBILITY

B-Box simplifies the wiring needed in your system, while increasing your luminaire choice. This F-Drive accessory uses the RJ45 output of an F-Drive unit and provides four channels of three different connection options:

- Terminal for direct connection of third-party luminaires;
- Molex for use with ArcSystem Pro One-Cell luminaires; or
- RJ45 for use with ArcSystem Navis luminaires.

These additional connection options expand F-Drive's compatibility with third-party luminaires, while delivering flawless dimming across your LED system.





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## FLAWLESS INTEGRATION

F-Drive controls your LED luminaires via DMX with RDM configuration, management, and monitoring. RJ45 output connectors simplify your cable infrastructure and allow connection of multiple luminaires. Additional wire terminals are also included for constant voltage applications, higher power requirements, or use of existing building wiring.



## WORKING FOR YOU

Power supply bussing kits and multiple modules provide active redundancy, ensuring the reliability of your F-Drive rack. Additionally, F-Drive R12 includes contact connection for remote triggering of channels from external dry/wet contact devices – making it simple to automatically trigger preset looks.

For emergency applications, R12 features pass-through of 48 VDC bus for connection to sense input on the emergency version of the F-Drive W1.

Find more information on ETC and its products at [etconnect.com](https://www.etconnect.com)



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