Cabinets for Traffic Management

344 LX Cabinet

What, exactly, are 344 LX cabinets?
The Safetran 344 LX Series of traffic control cabinets are built to the exacting standards and specifications of NYDOT, Caltrans, FHWA, and TEES. Each 344 LX Cabinet feature a 19-inch EIA rack that provides ultimate ease and flexibility of traffic control component configuration.

Why do agencies use 344 LX cabinets?
The modular design of Econolite's Safetran 344 LX Cabinet provides control of up to eight vehicle and four pedestrian phases. The 344 LX Series of cabinets also meet the stringent weatherproof requirements for State of California TEES enclosures and can be delivered UL-approved.

How do 344 LX cabinets benefit the driving public?
Econolite's Safetran 344 LX Series of traffic cabinets securely houses the signal controller and other vital intersection electronic equipment that manages efficient intersection operations and traffic flow. The strict adherence to industry standards and specifications ensures the highest levels of safety for all roadway users.
Description

The Safetran 344LX Cabinet is one of the newest in the line of Caltrans fully functional traffic controller cabinets that have put the customer and users’ needs at the forefront. The 344LX Cabinet is designed specifically for Ramp Metering needs. After many years of being exposed to dangerous voltages inside of traffic control cabinets, Caltrans has answered the need to comply with stringent safety standards of the National Electrical Code (NEC) and Occupational Safety and Health Act (OSHA). As part of the new 2009 Caltrans Electrical Equipment Specification incorporating Errata 2 Caltrans has also taken into consideration the many additional uses that the modern traffic controller cabinet can be used for by enlarging the cabinet housing design to be able to accommodate the most advanced intersection management applications, such as CCTV management, Sign Controls, and Data Management.

Benefits

- Strict safety standards to protect traffic technician personnel from exposure to high voltages when working in the traffic controller environment
- Standardized cabinet housing design for multi-purpose uses
- Modularized assemblies that are interchangeable and field replaceable
- Customer specified options are available when needed
- 4 – door cabinet design for maximum accessibility to all cabinet functionality
- Completely customizable to intersection needs

Features

- 9-switched outputs via 3 loadswitches located in the Power Distribution Assembly
- Up to 28 isolated input channels via the Input file.
- Detector input panel with terminal blocks, (panducts available)
- 208 Monitor for Watchdog functionality
- Transient Voltage and surge suppression filter
- Drawer/shelf combo
- C11 harness
- Fluorescent or LED light assemblies available.

Basic Specifications

- Dimensions
  - 67 in. H x 45 in. W x 26 in. D
- Material
  - Aluminum 0.125 in. (painted inside/outside)
- Ship Weight
  - 300 lbs (with no plug-ins or controller)