



CONNECTING EXTERNAL LEDS

External LEDs are wired by the customer to the two 44-pin card edge connectors provided on each driver board. Each driver board can control up to (80) LEDs. The driver board’s part number is E646-80R. The matching schematic uses the same number. An typical annunciator can incorporate up to eight of these driver boards per Z-Card, for a maximum of 640 LEDs.

The LEDs should be wired with a positive common, as shown on the “typical LED” schematic below. A current-limiting resistor is included on the driver board. Most LEDs require an operating current of about 15 to 20 milliamps. Other resistor values are available by request.

