

# Optotune Electrical Lens Driver 4 | EL-E-4

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Optotune Electrical Lens Driver 4 | EL-E-4, #87-590

Stock **#87-590** **3 In Stock**

⊖ 1 ⊕ **A\$579<sup>00</sup>**

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**General**

Specialty Lens **Type:**

**Physical & Mechanical Properties**

13.00 **Height (mm):**

77.00 **Length (mm):**

19.00 **Width (mm):**

## Electrical

Maximum Output Update Frequency (kHz):  
>100

Operating Current (mA):  
-250 to +250

Power Consumption (W):  
0.05 - 1.1

## Hardware & Interface Connectivity

Connector:  
USB Type A (to PC), 0.5mm pitch 6-way FPC (to lens)

## Environmental & Durability Factors

Operating Temperature (°C):  
-20 to +65

Storage Temperature (°C):  
-40 to +85

## Regulatory Compliance

Reach 174:  
[Compliant](#)

Certificate of Conformance:  
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## Product Details

- Designed to Control Optotune Focus-Tunable Lenses
- Control Range of -250 to +250mA with 12-bit Precision
- Driver Software Available for [Download](#)

Optotune Lens Driver 4 and 4i are simple-to-use tools for controlling Optotune Focus Tunable Lenses. The Optotune Industrial Electrical Lens Driver 4i ([#88-940](#)) is designed specifically for Optotune Focus Tunable Lenses with Hirose Connector. The Optotune Electrical Lens Driver 4 ([#87-590](#)) is compatible with the Optotune Focus Tunable Lenses with FPC Connector. Optotune Lens Driver 4 and 4i are USB powered and offer 12C sensor read-out for temperature compensation, in addition to rectangular, triangular, or sinusoidal drive frequencies from 0.2 – 1000Hz. These drivers also include an onboard 8-bit, 16MHz microcontroller with 32KB flash memory and are ideal for standalone use or for OEM integration.