

# 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 ⊕ £290.<sup>00</sup>

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Volume Pricing	
Qty 1+	£290.00 each
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## Product Downloads

### 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.