

# Optotune 2D Mirror Base Unit MR-E-3

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Stock **#73-038** **2 In Stock**

-

1

+

€1.015<sup>00</sup>

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| Volume Pricing |                               |
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| Qty 1+         | €1.015,00 each                |
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**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Note:

Includes a USB cable, mounting bracket for DIN rail, and a power supply with plug options for North America, Europe, the United Kingdom, Australia, and China

Physical & Mechanical Properties

Housing Diameter (mm):

Hardware & Interface Connectivity

|             |                    |
|-------------|--------------------|
| 24 - 48 VDC | Power Requirement: |
| Windows® 10 | Operating System:  |

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |
| Compliant | Reach 240:                  |

Product Details

- ±50° of Optical Scanning
- Protected Gold or Silver, and VS Dielectric Coated Mirror Options
- Compact 45mm Diameter Housing Footprint
- Control via USB, SPI, or Analog Input

Optotune Fast Steering Mirrors provide a larger optical scanning range and mirror size than conventional galvanometers or micro-electro-mechanical (MEMS) mirrors. This dual axis voice-coil mirror (VCM) has a compact footprint with a large 15mm mirror that can be adjusted with ±25° of mechanical tilt for ±50° of optical scanning range. The mirror is operated using the [Optotune Cockpit GUI](#) via USB, serial peripheral interface (SPI), or analog input. Optotune Fast Steering Mirrors are available with a protected silver or gold, and VS dielectric coating, enabling their use in both visible and near-infrared (NIR) applications. Typical applications for these fast steering mirrors include automotive LiDAR, biometric eye tracking, and field of view expansion of vision systems.

**Note:** [#14-574](#), [#14-575](#), and [#18-281](#) require [#14-576](#) for operation and [#73-039](#), [#73-042](#), and [#73-043](#) require [#73-038](#) for operation. A heatsink is included with each mirror and recommended to be used to ensure proper heat-dissipation. Do not connect or disconnect the mirror head while the base unit is connected to power as this will damage the mirror driver.