

## WinCamD-LCM TEL Beam Profiler



Stock #91-096 NEW 1 In Stock

MRP ₹8,89,956

i Price inclusive of all taxes

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### Product Downloads

### General

**Model Number:**  
S-WCD-LCM-TEL

**Contents of Kit:**  
Includes magnetic 1" ND filters (MagND-1, MagND-2, MagND-4, 1290nm Longpass Filter).

### Physical & Mechanical Properties

**Dimensions (mm):**  
46 x 46 x 20

**Dimensional Accuracy:**  
±2µm

## Optical Properties

|                                       |  |
|---------------------------------------|--|
| 1480 - 1610                           | <b>Spectral Range:</b>                           |
| USB 2.0: 6.3 kHz<br>USB 3.0: 12.6 kHz | <b>Minimum Stimulation, Pulsed:</b>              |
| 55 (10 Pixels)                        | <b>Beam Diameter (<math>\mu\text{m}</math>):</b> |

## Sensor

|               |  |
|---------------|--|
| 5.5 x 5.5     | <b>Pixel Size, H x V (<math>\mu\text{m}</math>):</b> |
| 2,048 x 2,048 | <b>Pixels (H x V):</b>                               |
| 11.3 x 11.3   | <b>Sensing Area, H x V (mm):</b>                     |
| 1"            | <b>Sensor Format:</b>                                |
| $\geq 12$     | <b>Frame Rate:</b>                                   |

## Electrical

|                                  |  |
|----------------------------------|--|
| 2,500:1                          | <b>Signal to Noise S/N Ratio (dB):</b> |
| 34 dB optical / 68 dB electrical | <b>Peak Noise (nW/cm<sup>2</sup>):</b> |

## Threading & Mounting

|                        |               |
|------------------------|---------------|
| 8-32 thread, 8 mm deep | <b>Mount:</b> |
|------------------------|---------------|

## Regulatory Compliance

|  |                                    |
|--|------------------------------------|
| <a href="#">Exempt</a>   | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>   | <b>Certificate of Conformance:</b> |
| United States  | <b>Country of Origin:</b>          |
| Edmund Optics India Private Limited<br>267, Greystone Building, Second Floor,<br>6th Cross Rd, Binnamangala,<br>Stage 1, Indiranagar, Bengaluru,<br>Karnataka, India 560038<br>Phone: +91-80-6845 0000 | <b>Imported By:</b>                |

## Product Details

- Designed for Use from 355 to 16000nm
- Compatible with Beam Diameters Down to 52 $\mu\text{m}$
- Robust and Easy to Use Free Software [Provided](#)
- Measure Beam Wander, M<sup>2</sup>, Divergence, and More

DataRay Camera Beam Profilers provide excellent solutions for beam analysis of both continuous wave and pulsed laser sources. Each beam profiler features an integrated CMOS sensor (IR profilers feature Microbolometer sensors) that eliminates comet trailing for higher resolution output and allows for update rates of 60+ Hz. Sensors are available with active sizes of 6.6, 11.3, and 25mm horizontals, enabling measurement of large beam diameters. DataRay Camera Beam Profilers have the added advantage of a free, robust software with analysis features such as M<sup>2</sup> measurement, beam wander and logging, and instrument alignment. These profilers are USB3.0/2.0 powered and include a 3m flexible screw locking cable. Neutral density filters with optical densities of 1.0, 2.0, and 4.0 are included.