ARTISAN®
TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Coherent LM-45* at our website: *Click HERE*

Beam Position Sensing Thermopile Sensors

10 mW to 45W



LM-3, LM-10 and LM-45

Features

- **Spectrally flat from 0.19 µm to 11 µm**
- **10 mW to 100 mW resolution**
- **16 mm to 19 mm apertures**
- **FC and SMA fiber connectors available (see page 56)**



Use with LabMax (see pages 10-13)

These unique thermopiles incorporate a quadrant thermopile disk that enables them to sense the position of the beam on the detector surface. This information is displayed by meters such as LabMax. All Coherent products which incorporate this position sensing technology are identified with the logo shown on the right.

Device Specifications

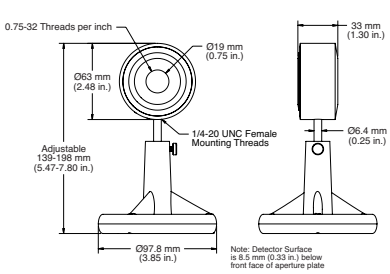
ISO/IEC 17025:2005

AC-1630

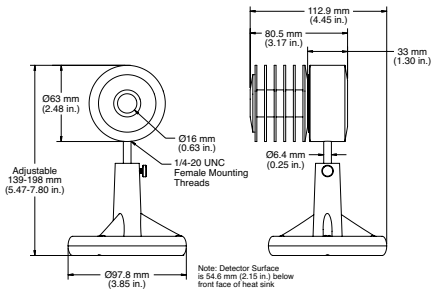
Model	LM-3	LM-10	LM-45
Wavelength Range (µm)		0.25 to 10.6	
Power Range	10 mW to 3W	10 mW to 10W	100 mW to 25W
Maximum Intermittent Power (W)(<5 min.)	10	12	45
Long-Pulse Joules Range (J)		0.5 to 10	
Resolution (mW)	1		10
Maximum Power Density (kW/cm²)		6	
Maximum Energy Density (mJ/cm²)		600, 1064 nm, 10 ns	
Detector Coating		HTD	
Detector Diameter (mm)	19	16	19
Calibration Uncertainty (%)(k=2)		±2	
Calibration Wavelength (µm)		10.6	
Cooling Method		Air-cooled	
Cable Type		LM DB-25	
Cable Length (m)		1.8	
Part Number	1098328**	1098304**	1098320**

**C24 Quick Ship program: eligible for next business day shipment.

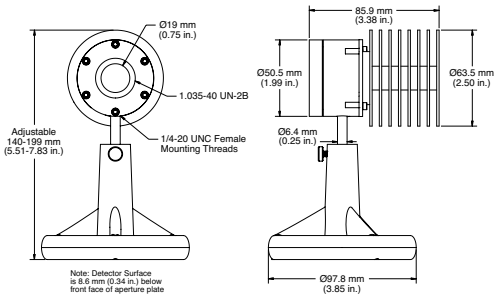
LM-3



LM-10



LM-45



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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