



TELEDYNE JUDSON TECHNOLOGIES
Everywhere you look™

New

Enhanced Detector Capabilities

Benefits

- Enhanced D* performance
 - 24x for Lambertian Beam Source
 - 10x for Focused Beam Source
- Larger Linearity Range
- Faster Response Speed
- Enhanced Performance over Broad Spectral Range
- Larger Equivalent Detector Size than Non-Lensed Detector
- Offer Trade-off between TE Cooler Power and Detector Performance

Enhanced Detector Includes

- Integrated LWIR HgCdTe Detector/Lens
- TE Cooler for Operation @ -85 °C
- TO-3 Package Hermetically Sealed
- Broadband AR Coated Ge Window

Other IR Detector Options Available

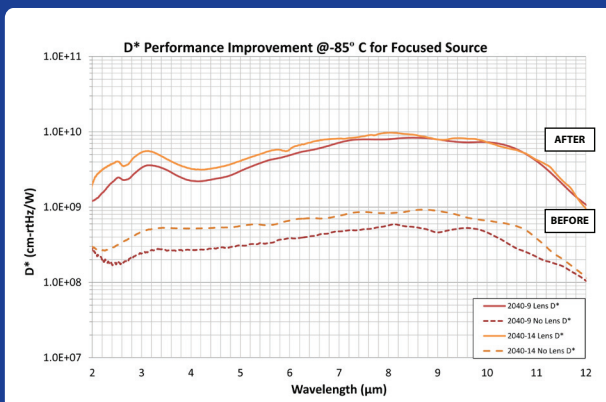
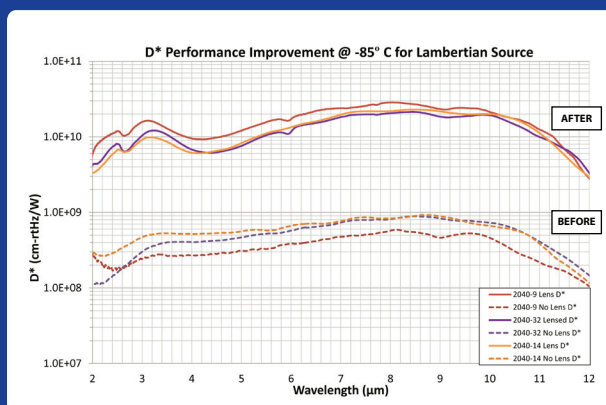
- Ge, InGaAs, X-InGaAs, InAs, PbS, PbSe, HgCdTe, SLS

Other Cooling Options Available

- Room Temperature
- TE Coolers @ -20 °C, -40 °C, -65 °C,
- Liquid Nitrogen Pour-Fill Dewar
- Integrated Dewar Cooler Assembly

Custom and Space Design

- Depending on System Requirements



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