

Lawrence Berkeley National Laboratory High-Resistivity CCDs
in Ground Based Astronomy

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UCO/Lick Observatory has been involved in the development and testing of LBNL high-resistivity CCDs from the first, small test CCDs right up to the present. We briefly describe the testing and packaging facilities at UCO/Lick and show some of our recent results with LBNL high-resistivity CCDs. We review some of the characteristics of the fully depleted, high resistivity CCD and we describe how these characteristics help improve or extend the performance of ground-based astronomical instruments. A variety of ground-based instruments with LBNL high-resistivity CCDs are in use and more are being developed. We briefly review some of these applications.