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The Oscura experiment seeks to achieve unprecedented sensitivity in the search for low-mass dark matter particles using a ~10 kg detector array of silicon, ultra-low noise Skipper Charge Coupled Devices (CCDs) with a detection threshold of two electrons and a total exposure of 30 kg-year. Oscura will probe sub-Gev dark matter particles that interact with electrons, targeting dark matter-electron scattering for masses down to ~500 keV and dark matter absorption by electrons for masses down to ~1 eV.

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