

Spectral distribution chart is not to scale.

- **172nm**
Excimer: Mercury Free Ozone Generation, Air Purification
VUV Equipment: Hydrophilic Treatment, Organic Matter Decomposition, Low Temperature Process, Direct Bonding
mUVi Lab Equipment: Testing of Water, Air and Surface Disinfection, Material Curing, Surface Modification, TOC Analysis, Germicidal Testing, Ozone Generation

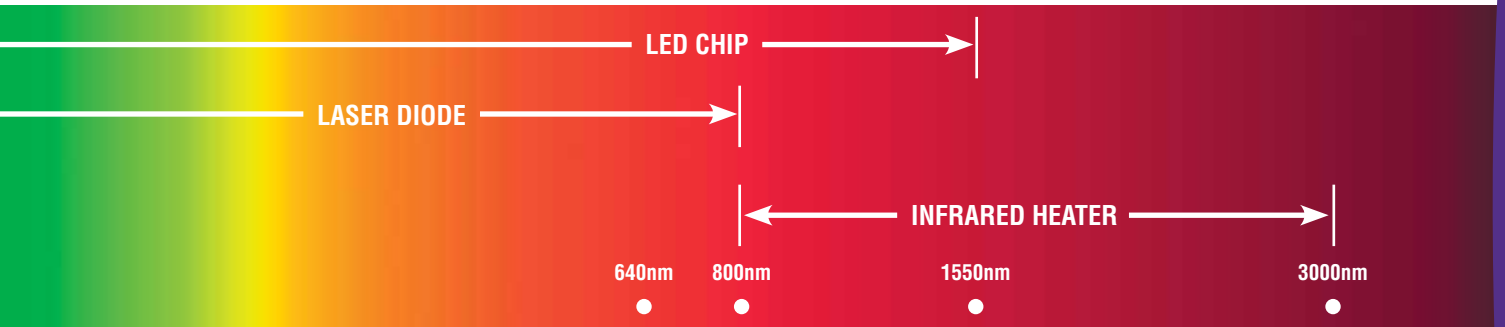
- **185nm**
Amalgam: Ozone Producing Mercury Lamp, TOC Reduction in Water

- **190nm**
mUVi Lab Equipment: Testing of Water, Air and Surface Disinfection, Material Curing, Surface Modification, TOC Analysis, Germicidal Testing, Ozone Generation

- **222nm**
mUVi Lab Equipment: Testing of Water, Air and Surface Disinfection, Material Curing

- **230nm**
XeFl: Mercury Free Surface Disinfection, Air Purification, Material Curing, Odor Removal, Pesticide Dissolution
mUVi Lab Equipment: Testing of Water, Air and Surface Disinfection, Material Curing, Germicidal Testing

- **254nm**
Low Pressure UV lamps: Water Treatment, Air Purification, Material Curing
Amalgam: Air Disinfection, Industrial and Commercial Water Treatment, Cooling Tower Water Conditioning, Sewage Treatment
mUVi Lab Equipment: Testing of Water, Air and Surface Disinfection, Material Curing



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- **254-430nm**
Medium Pressure UV: Waste Water Treatment, Ink Print Drying, Photoresist Hardening, Label Printing, Spot Curing
- **270-405nm**
UV LED Module/UV LED Chip: Inkjet Print Curing, 3-D Printing, Label Printing, Lithography, Photoresist Hardening, Sheet & Web Printing
Industrial LED Equipment: Wafer Curing, Nano Imprinting, Lithography, Photo Resist Hardening, Bind and Sealing of LCD Displays, Roll Film Surface Coat Curing, UV Ink Print
- **352nm**
Blacklight: UV Curing, Fluorescence, Photochemistry, Phototherapy, Dermatology, Inspection, Insect Luring
- **368nm**
Blacklight Blue: UV Curing, Fluorescence, Photochemistry, Phototherapy, Insect Luring
- **375-800nm:**
Laser Diodes: Digital Projection, Entertainment Lighting, Remote Source Lighting Through Fibers for Commercial and Medical Use
- **405-800nm:**
Visible LED Chip: Interior and Exterior Lighting, Flashlights, Automotive Lighting, Medical Applications
- **800-1550nm**
IR LED Chip: Security Camera, Hair Growth, Solar Simulation, Material Heating, Drying
- **1000-3000nm**
IR Heater Lamps: Baking, Drying, Material Heating, 3-D Printing, Food Warming, Area Heating, Dehydrating