



# Application Bulletin

UVP-AB-119

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## USE OF ULTRAVIOLET LIGHT IN SHOWING THE EFFECTIVENESS OF WATER SOFTENERS

**APPLICATION:** Manufacturers of water softeners can supply their salesmen with blacklight longwave ultraviolet lamps to show customers the advantages of using water softeners over hard water.

**WAVELENGTH:** Longwave 365nm Ultraviolet

**RECOMMENDED LAMPS:** ML-49 and UVL-21

**USAGE:** Hard water leaves a build-up of mineral and chemical deposits. Dishes and utensils rinsed in soft water are rinsed cleaner. The deposits from hard water often cling to the items and fluoresces under blacklight. Most dishwasher detergents are fluorescent and cling to particles of food left on the dishes and utensils. Grease is often fluorescent also. Dishes might appear clean until the ultraviolet light is turned on. Dishes washed in soft water rinse cleaner and remove the food particles better.

Cleaning bathroom or kitchen faucets plus tubs and sinks is made easier with the use of water softeners which reduces the mineral deposits.