

SPECTRA LOC



CONVERTS BLUE LIGHT TO SAVE YOUR PRODUCTS



Why is there a need for an LED fixture that converts blue light?

Converting blue light prevents photo-oxidation and photo-chemical degradation while maintaining the efficiency and money savings of an LED fixture.



- High Pressure Sodium, Metal Halide & Fluorescent produce UV and other wavelengths of light below 500 nm.
- Traditional LED produces significant light energy below 500 nm.
- Wavelengths of light below 500 nm are absorbed by the food and other sensitive products causing deteriorative reactions of constituents.
- The SpectraLoc is designed to absorb blue light below 500 nm to prevent photochemical damage. Utilizing specialized patent pending Stokes shift optical technology, the SpectraLoc™ is unique to the lighting industry in offering this protection.
- Hubbell Industrial SpectraLoc™ is the first and only product to combine high efficacy TIR optical distribution as it simultaneously removes unwanted and harmful short wavelength light that can cause photochemical damage to organic materials. Examples include food processing, milk production, semiconductor manufacturing, and pharmaceutical production and packaging.

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Fixture without SPECTRA LOC Technology

