

VIKUITI™ LIGHT MANAGEMENT FILMS FOR LIQUID CRYSTAL DISPLAYS

DESCRIPTION:

Vikuiti display enhancement films manage the output of light from liquid crystal display backlights, allowing for increased efficiency and thermal control without adding light sources.



VALUE OPPORTUNITY

- Increases display brightness.
- Improves thermal management.
- Controls light distribution.

TECHNICAL BENEFITS

- Display brightness can be increased without adding more light sources.
- Having fewer light sources minimizes system thermal management issues.
- Distribution control allows the display output to be optimized for the application requirements.

ADDITIONAL INFORMATION

- **Vikuiti™ BEF3 Auto Film.** These prismatic optical films manage the angular output of light from liquid crystal display backlights. It incorporates a random prism pattern that masks reflective moiré and softens the cut-off as you go off axis.
- **Vikuiti™ DBEFD2-400 Auto Film.** This multilayered optical film manages the polarization output of light from liquid crystal display backlights. It incorporates outer skins of diffuse polycarbonate. These skins impart improved thermal and mechanical stability.
- **Vikuiti™ ESR Auto Film.** This multilayered optical film helps to increase the efficiency of liquid crystal display backlights. It is a 100% polymer film with a reflectivity of ~98.5% across the entire visible spectrum.

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