


## Optical Consulting

 LED Lighting Display Systems **Optical Modeling** Optical Prototypes Testing Systems Expert Witness and Consulting

### Optical Modeling

Phostech can design, model, evaluate, and create specifications based on tolerance analysis for a variety of optical systems. Optical models generated by Phostech can save time and effort as well as provide optimized solutions for specific products. Analysis of the optical modeling results can provide important insight into design tradeoffs and clearly illustrate representative results of actual systems such as:

- LED lighting systems (edge-lit or direct-lit)
- Edge-illuminated backlights
- Direct-illuminated backlights
- Projections systems (including personal projectors and laser projection) and screens
- Optical films (prismatic, lenticular, etc.)
- OLED lighting films
- New display technologies such as MEMS-based displays

Phostech can provide a range of solutions for a given design concept and can report on the design tradeoffs to enable well-informed design decisions for effective solutions.

