

PHOTONICS  
[LUMENFLOW.COM](https://www.lumenflow.com)  
 (https://www.lumenflow.com)

# Photonics

[Coupling Optics \(https://www.lumenflow.com/technologies/photonics/coupling-optics/\)](https://www.lumenflow.com/technologies/photonics/coupling-optics/)    
 [Detection \(https://www.lumenflow.com/technologies/photonics/detection/\)](https://www.lumenflow.com/technologies/photonics/detection/)  
[Illumination Optics \(https://www.lumenflow.com/technologies/photonics/illumination-optics/\)](https://www.lumenflow.com/technologies/photonics/illumination-optics/)  
[Imaging Optics \(https://www.lumenflow.com/technologies/photonics/imaging-optics/\)](https://www.lumenflow.com/technologies/photonics/imaging-optics/)    
 [Laser Modules \(https://www.lumenflow.com/technologies/photonics/laser-modules/\)](https://www.lumenflow.com/technologies/photonics/laser-modules/)  
[About \(https://www.lumenflow.com/about/\)](https://www.lumenflow.com/about/)    
 [Technologies \(https://www.lumenflow.com/technologies/\)](https://www.lumenflow.com/technologies/)  
[Optical Design & Assembly \(https://www.lumenflow.com/technologies/photonics/optical-lens-design/\)](https://www.lumenflow.com/technologies/photonics/optical-lens-design/)  
[Photonics \(https://www.lumenflow.com/technologies/photonics/\)](https://www.lumenflow.com/technologies/photonics/)    
 [Contact Us \(https://www.lumenflow.com/contact/\)](https://www.lumenflow.com/contact/)  
[LUMENFLOW.COM](https://www.lumenflow.com)

LumenFlow provides a range of optical and photonics design services. From concept ideation through to assembly, LumenFlow offers manufacturable solutions for your optical problems. We not only design optical lenses that reduce aberrations or perform a specific task, but we can also design the optomechanical housing for the lenses.

## Optical Design & Assembly

Small subtleties in complex optical systems can diminish performance. For example, adding a beam splitter cube for auto aperture control will dramatically affect the Field Flatness and ruin the Chromatic Focal Shift. Our approach to improving optical performance is based on optimizing on the most critical optical parameters and qualifying the trade-offs for that application.

### *Most Recent News*

#### LumenFlow Optics at K Show

An automotive LED headlamp optic custom-designed by LumenFlow Corp is featured at K Show 2019. The exhibit demonstrates the unique capabilities of Dow SILASTIC™ MS-1002 Moldable Optical Silicone to excel in demanding environmental conditions and to enable complex optic design that cannot be replicated with more rigid materials. The trade show is open now through October 23 [...]

[Read more \(https://www.lumenflow.com/2019/10/21/lumenflow-optics-at-k-show/\)](https://www.lumenflow.com/2019/10/21/lumenflow-optics-at-k-show/)

*Contact Us*

551 Case Karsten Dr  
Zeeland, MI 49464

(269) 795-9007  
solutions@lumenflow.com

designed by  <http://mindutopia.com/>