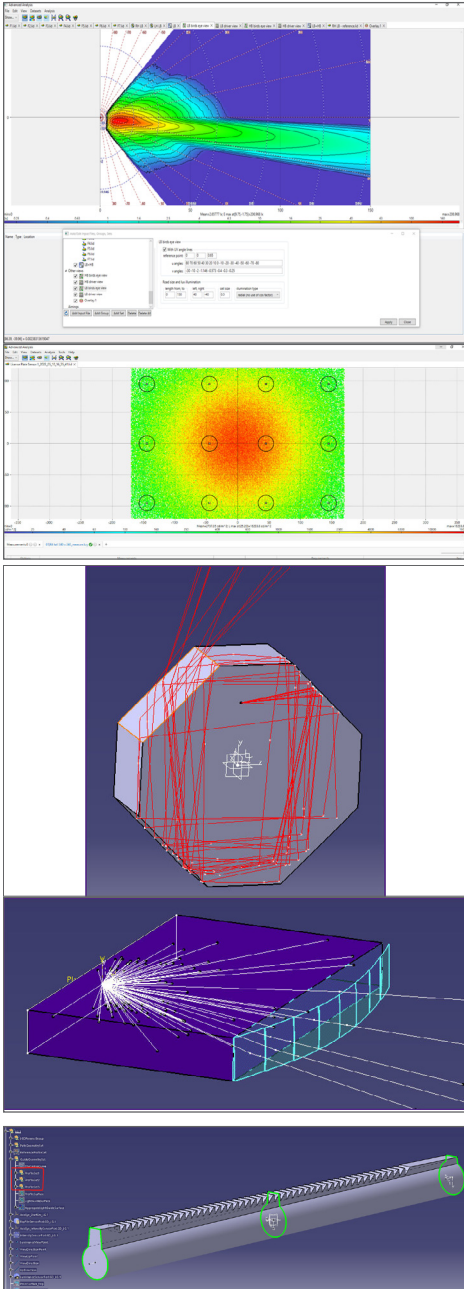


LucidShape CAA V5 Based Version 2022.06

New Features

LucidShape CAA V5 Based offers the most comprehensive CATIA-based optical simulations of automotive lighting products. The product's fast, accurate modeling and analysis of part-level models and product-level assemblies have been enhanced with major new features.



Expanded Advanced Analysis

LucidShape CAA Advanced Analysis provides access to a wide range of tools that save hours of engineering. The latest enhancements help you further accelerate analysis workflows, including:

- Expanded, customizable Measurement Data Grid
- Dozens of new measurements based on regulation requirements
- Ability to import and export regulation and custom test tables

License Plate Sensor

Simulate license plate illumination systems with the new License Plate Sensor. Choose a standard license plate type for your simulation, such as ECE, SAE, and China GB.

Dynamic Surface Filter

Optical designs often require analysis of ray paths or photometry for individual optical surfaces or a set of optical surfaces. These simulations are computationally expensive, particularly for signal lighting applications. The new Dynamic Surface Filter allows you to perform the analysis in post-processing "without re-simulating" to significantly reduce computation time.

MacroFocal Enhancements

The MacroFocal feature for the design of multifaceted reflectors has been augmented with state-of-the-art freeform design capabilities to provide more granular control over light spread. In addition, MacroFocal now includes an optional die-pull direction that can be used when modeling gap surfaces.

Light Guide Design Module Enhancements

The Light Guide Design Modules includes improved optimization, analysis, and configuration settings.

For more information, please contact Synopsys Optical Solutions Group at (626) 795-9101, visit [synopsys.com/optical-solutions](http://www.synopsys.com/optical-solutions), or send an e-mail to optics@synopsys.com.