A lighting development team was having difficulty creating a retroreflector part that followed the body design curvature. The team created exact textures in a CAD system, but this was time consuming and the results were unsatisfactory. The creation of a curved retroreflector caused all cells to have a different orientation.

The lighting development team needed to:

- Create a retroreflector on a curved 3D freeform surface. Explicit geometry creation was very time consuming
- Change cell types within the development process to find the best solution
- Verify the optical response required (testing)

With LucidShape®, the team's retroreflector design process became much easier:

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Verify compliance of geometry with regulations

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