Introducing

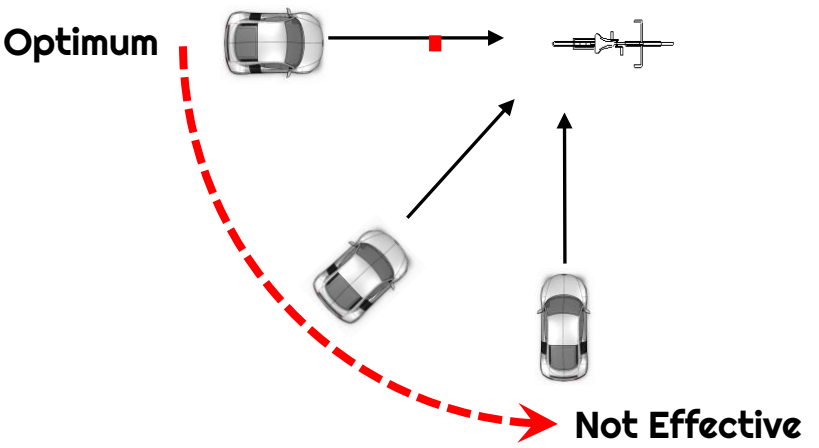
The Worlds 1st 360°

Bicycle Safety Reflector

Existing Reflector Design: Limitations

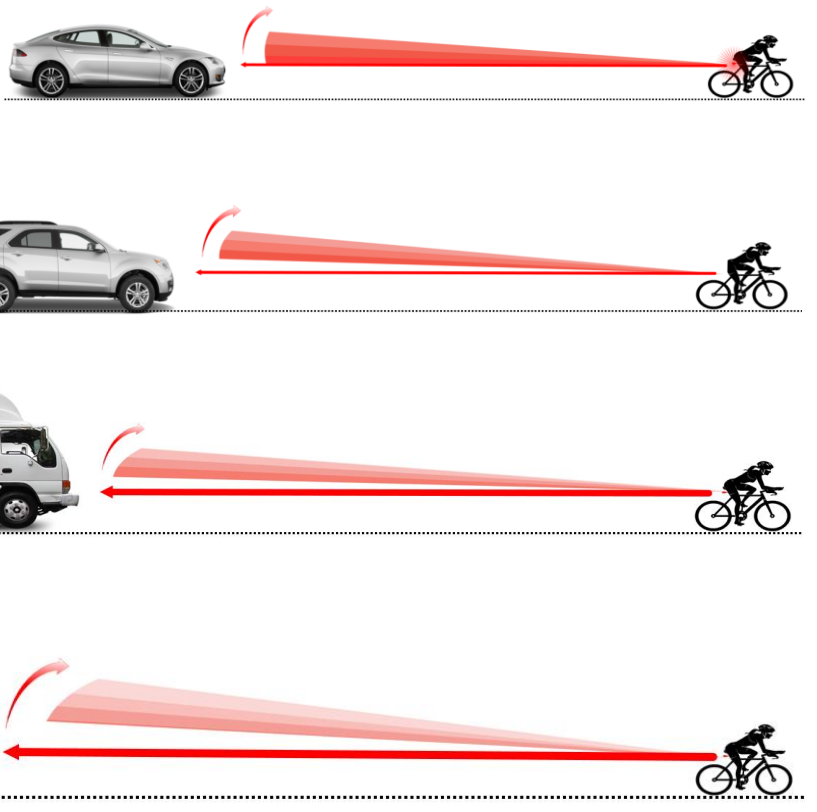
- Constrained By A Flat Surface Profile Which Is Only Effective When Viewed Directly From Behind.

- The **Safety** Of The Cyclist Is Compromised For Changes In The Vehicle **Approach Angle.**



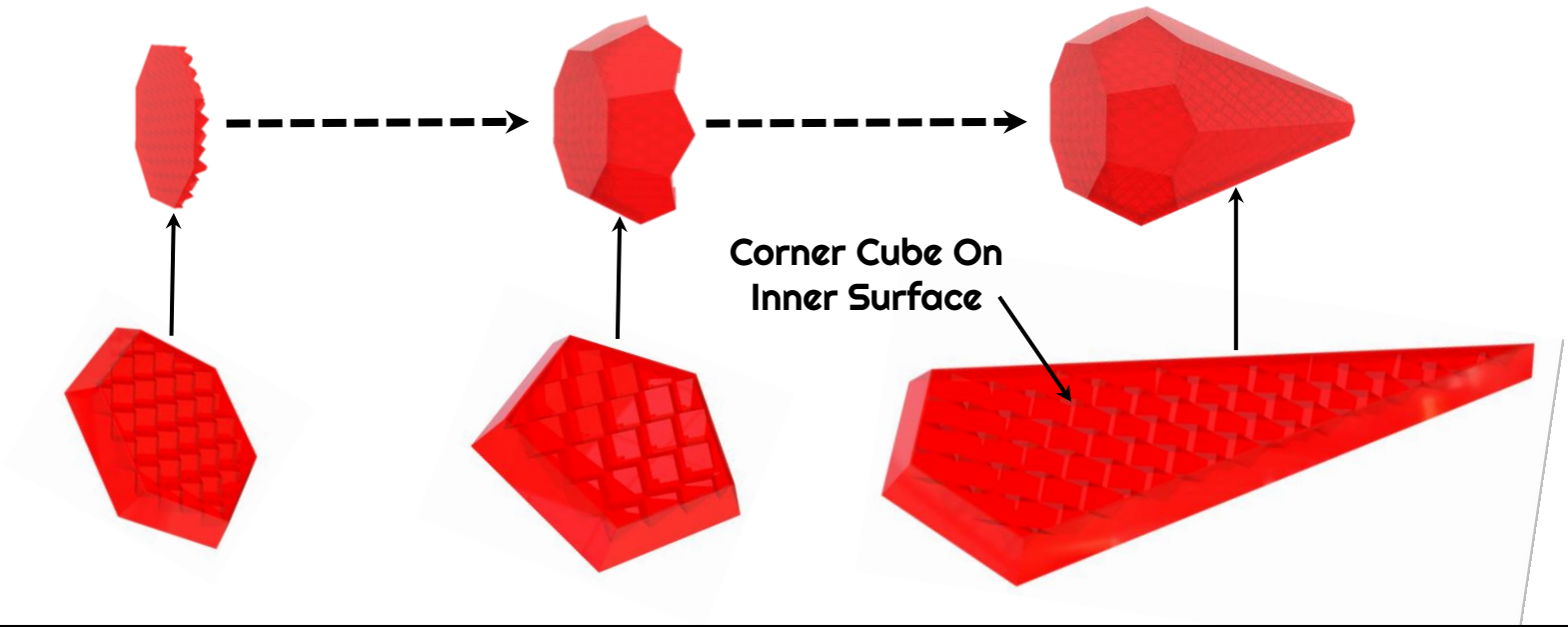
Optimum ⟶ Not Effective

- Reflectivity Is **Minimised** For Increases In The **Observation Height** Of The Approach Vehicle.

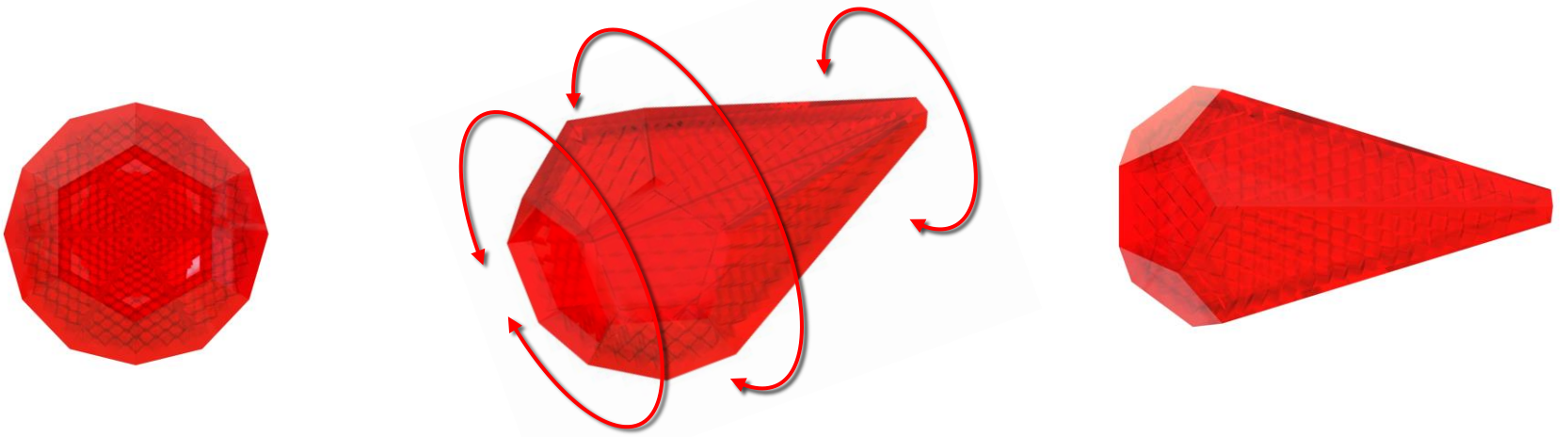


Solution: 360° Bicycle Safety Reflector

Features: Corner Cube Retro Reflection On Inner Surface



Features: 360° Polyhedron Construction

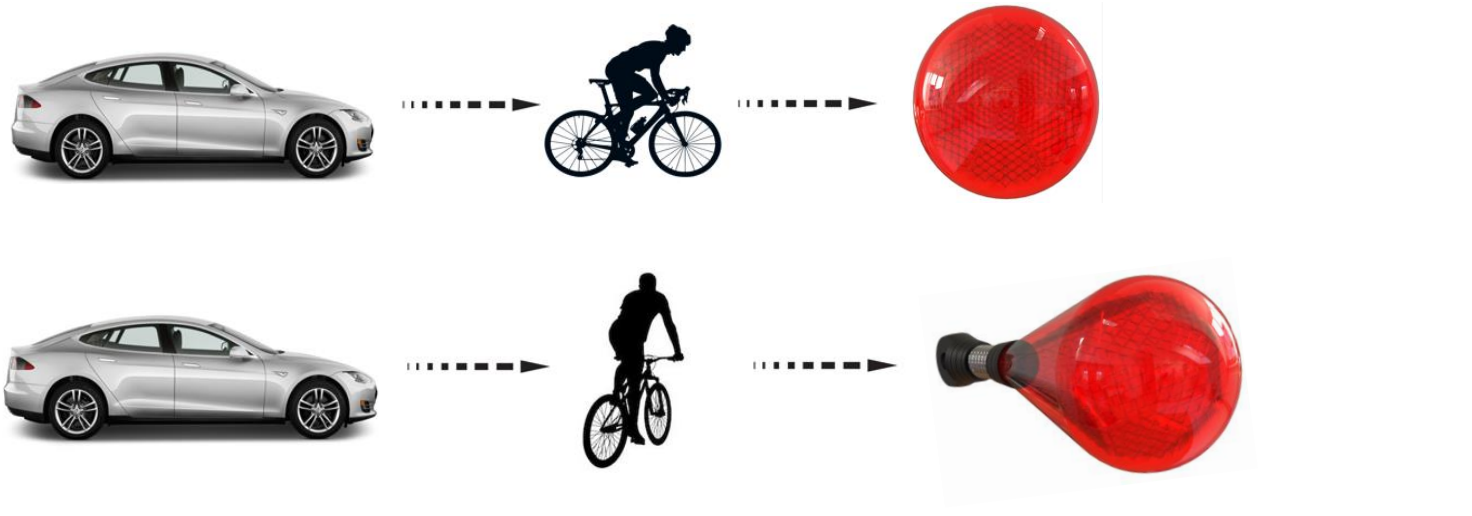


Features: Over Moulded Outer Contour

- Propagates Light Onto All Indirect Surfaces.
- Illuminates All Surfaces Simultaneously.
- Magnifies Inner Profile.

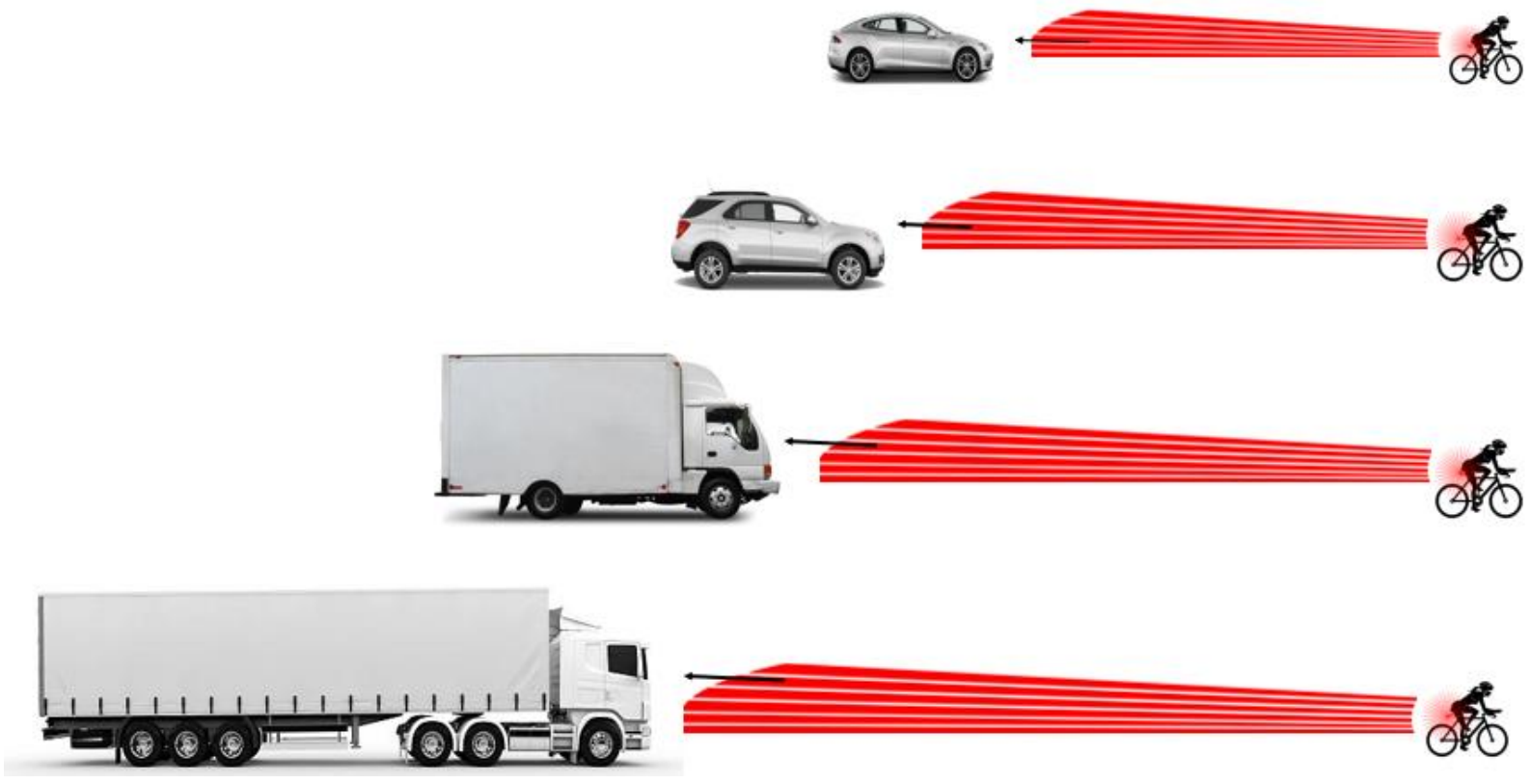
Features: Approach Angle

- Reflectivity Is Optimum For All Variations In The **Approach Angle** Of The Vehicle.



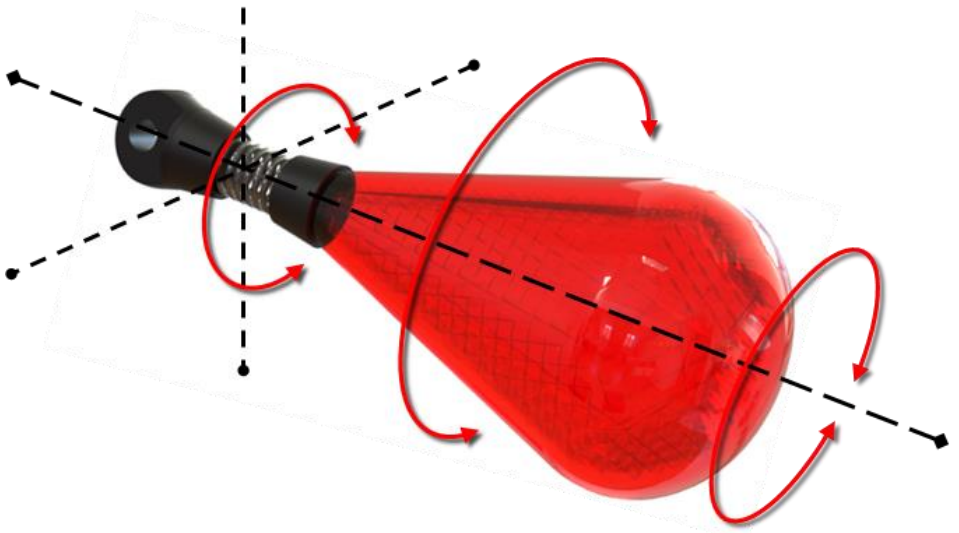
Features: Observation Height

- Reflectivity Is Optimum For All Variations In The **Observation Height** Of The Vehicle.



Features: Spring Mount

- Spring Utilizes Cyclist Movement To Oscillate Reflector.



- Oscillation Magnifies The Observed Reflected Area.
- Motion captures driver attention and enhances awareness.

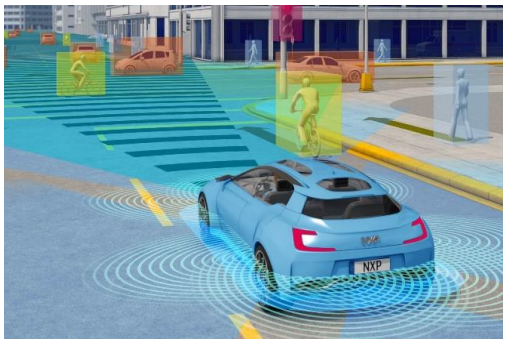
Features: Autonomous Vehicle monitoring Systems

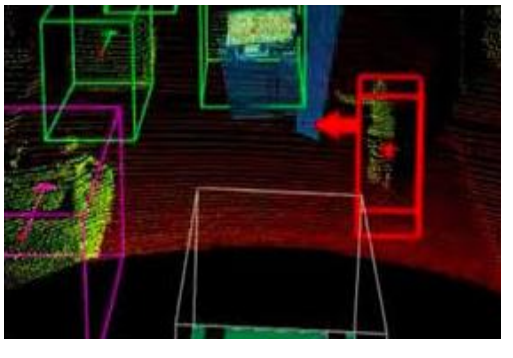
Oscillatory Motion Enhances Detection By Autonomous Vehicles

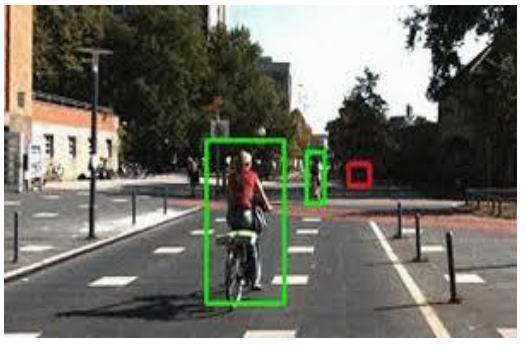
- Ultrasonic Monitoring (Passive Proximity Sensors)
- Lidar (Light Detection & Ranging)
- Radar (Radio Detection & Ranging)

Compliments Sensory Devices

- Magnifies Feature Recognition
- Optimises Motion Detection
- Enhanced Safety







Features: Daytime Illumination

- Improves Daytime Safety By Capturing Natural Daylight
- Enables Light To Pass Through Reflector & Illuminate All Faces Simultaneously

Features: Seat Post Mount

Features: Fender Mount

Features: All Colour Variants

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