

Sunglasses testing services

Help your eyewear meet global regulations and protect your brand.

UL offers safety solutions to help ensure compliance of your sunglasses to international and national standards for performance and quality, brand reputation, as well as to increase the market share.

Whether worn on the road, on a mountain or at the beach, it is essential that sunglass lenses allow sufficient visible light to pass through while providing adequate protection from harmful ultraviolet (UV) exposure.

UL conducts sunglasses testing as per many country's standards to comply with different requirements and regulations, such as EN ISO 12312-1, ANSI Z80.3 and AS/NZS 1067.1. Sunglasses are also treated as Class I personal protective equipment (PPE) under the European PPE directive 89/686/EEC.

Key testing services for sunglasses include:

- Filter material and surface quality
- Physiological compatibility (nickel release)
- Transmittance
- Optical power
- Wide angle scattering
- Resistance to radiation
- Minimum robustness of filters
- Frame deformation and retention of filters
- Resistance to ignition
- Eye coverage and temporal protection
- Information and labeling
- More...

Today, UL is advancing its commitment to protecting people, products and places through expert advisory resources, offering an extensive array of services to our diverse customers that support every stage of the product life cycle, from the testing of new technologies to market access. Our network of more than 170 testing and certification facilities in 40 countries helps drive the integrity of global supply chains, optimize product performance and protect brands.



For more information to find how UL can help you with sunglasses testing services please visit [CRS.UL.com](https://www.crs.ul.com).



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