



ANSI Z80.1-2020 OVERVIEW AND POINTS OF INTEREST

On April 1, 2021, ANSI Accredited Standards Committee (ASC) Z80 released **ANSI Z80.1-2020, Prescription Ophthalmic Lenses – Recommendations**. This standard applies to all prescription dress ophthalmic spectacle lenses in edged or assembled form. It is a guideline for entities that fabricate, assemble or process dress eyewear or lens components. Relevant optical and physical specifications and tolerances of this standard also apply to uncut lenses.

The Vision Council recommends that all parties that have an interest in the field of prescription ophthalmic optics purchase a copy from the ANSI webstore by clicking on this [link](#).

ANSI Z80.1-2020 supersedes the 2015 Standard and represents five years of work by a team of industry experts including: chairman Dick Whitney, Manager of Global Standards at Carl Zeiss Vision; vice chairman Rick Tinson, Sr. Director of Revenue Management at Hoya Vision Care and secretary Dr. Karl Citek, OD, PhD, representing the American Optometric Association.

The 2020 revision represents the consensus of current industry experts and reflects the results of a thorough study by the ANSI Z80.1 committee on the relevance and applicability of its contents. The committee also reviewed comments and input received from past revisions and sought input from users of the standard.

SUMMARY OF KEY ITEMS INCLUDED IN THE 2020 REVISION:

- Methods to address claims in the area of Transmittance
- Recommendations on standardizing claims for attenuation at given wavelengths (such as 400nm) and products that selectively attenuate specific wavelengths (such as Blue light)
- New terms and product classifications, including Power Variation lenses and specialized assistive lenses and their tolerances
- Guidance on how to handle localized power errors
- New Annex F to address focimeter capabilities
- New Annex G to address unintended prismatic imbalance

Please contact Michael Vitale, The Vision Council's Senior Technical Director and Lens, Lab and Lens Processing & Technology Liaison, at mvitale@thevisioncouncil.org with any questions or concerns.