

Errata Sheet for ANSI Z136.4-2021
American National Standard
Recommended Practice for
Laser Safety Measurements for Hazard Evaluation

Correction sheet
Issued June 22, 2023

Issued by
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This errata sheet is for Section 4.5.1.1 Direct Viewing on page 14. This correction to this recommended practice is non-substantive as it does not affect requirements for conformance to a standard.

In Section 4.5.1.1 Direct Viewing, the first paragraph on page 14, replace “The angular subtense of the apparent source is directly proportional to the beam diameter ...” with “The angular subtense of the apparent source is inversely proportional to the beam diameter ...”

This corresponds to the wording in ANSI Z136.4-2010. The use of “directly” instead of “inversely” resulted from an incorrect reference to the source diameter in Equation (1) rather than the increasing beam diameter as it propagates. While the beam diameter increases with distance from the source, the angular subtense decreases, hence the inverse relationship.