**Section 315.TABLE E Measurement Apertures for Classification**

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| Spectral Region(μm) | Duration(s) | Aperture Diameter(mm) |
| 0.180 to 0.302 | 10-9 to 0.25 | 1.0 |
|  | 0.25 to 3 x 104 | 3.5 |
| 0.302 to 2.8 | 10-9 to 3 x 104 | 50.0 |
| 2.8 to 102 | 10-9 to 0.3 | 1.0 |
|  | 0.3 to 10 | 1.5 *t*3/8  |
|  | 10 to 3 x 104 | 3.5 |
| 102 to 103 | 10-9 to 3 x 104 | 11.0 |
|  |  |  |
| NOTES: | 1. | These apertures are used for the measurement of optical power or energy for purposes of laser classification |
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|  | 2. | When the laser output is intended to be viewed with optics (excluding ordinary eyeglasses) or the laser safety officer determines that there is reasonable probability of accidental viewing with optics, a 50 mm aperture is used if the following conditions are met. |
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|  | A) | Viewing with optics presents a more severe hazard than unaided viewing. |
|  |  |  |
|  | B) | The viewing time is sufficient to constitute a hazard. |
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|  | 3. | Under normal conditions these exposure durations would not be used for classification (see ANSI Z136.1 (Table 9)).  |
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|  | 4. | For purposes of this Section 315.Table E, the following abbreviations or symbols are used: |
|  | μm | = | micrometers |
|  | s | = | seconds |
|  | mm | = | millimeters |
|  | *t*s | = | time in seconds |