

ISO 11145:2016-03 (E)

Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols

| Contents | | Page |
|---|---|-------------|
| Foreword | | iv |
| 1 | Scope | 1 |
| 2 | Symbols and units of measurement | 1 |
| 3 | Terms and definitions | 2 |
| 3.1 | Beam axis | 3 |
| 3.2 | Beam cross-sectional area | 3 |
| 3.3 | Beam diameter | 3 |
| 3.4 | Beam radius | 4 |
| 3.5 | Beam widths | 5 |
| 3.11 | Beam waist diameters | 7 |
| 3.12 | Beam waist radius | 7 |
| 3.13 | Beam waist widths | 7 |
| 3.14 | Beam waist separation | 8 |
| 3.19 | Divergence angles | 9 |
| Annex A (informative) Explanation of the difference in terminology between IEC 60825-1 Annex B (informative) List of symbols | | 16 |
| Annex C (informative) Alphabetical index | | 17 |
| Bibliography | | 19 |