

DIN EN ISO 5580:2024-03 (E)

Non-destructive testing - Industrial radiographic illuminators - Minimum requirements (ISO 5580:2023)

| Contents | | Page |
|-------------------------|--|-------------|
| European foreword | | 3 |
| Foreword..... | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 5 |
| 4 | Characteristics of radiographic illuminators | 5 |
| 4.1 | Mechanical and electrical construction..... | 5 |
| 4.2 | Viewing screen | 5 |
| 4.3 | Luminance | 6 |
| 4.4 | Colour of light..... | 7 |
| 4.5 | Diffusion of light..... | 7 |
| 4.6 | Uniformity of illumination..... | 7 |
| 4.7 | Disturbing light..... | 7 |
| 4.8 | Anti-glare device..... | 7 |
| 4.9 | Heating..... | 7 |
| 5 | Determination of certain characteristics | 7 |
| 5.1 | General..... | 7 |
| 5.2 | Divergence and dispersion of light of diffusing screens..... | 7 |
| 5.3 | Uniformity of screen luminance | 8 |
| 5.4 | Nominal power consumption..... | 9 |
| 6 | Marking | 9 |
| 7 | Recommendations for use | 9 |