

Measurement Geometry

45°/ 0° per ANSI, DIN & ISO Standards

Spot Size at Sample

3.4mm (.13in) standard
2.0mm (.078in) optional
6.0mm (.236in) optional
1.6mmH (.063 in.) x 3.2mmW
Micro-Spot (.125 in.)

Light Source

Gas Pressure @ 2856°

Spectral Range

400nm to 700nm

Illuminant Types

A, C, D50, D55, D65, D75, F2, F7, F11, F12

Standard Observers

2° and 10°

Response Types

T, E, I, A, G, Tx, Ax, Ex, Hi-Fi

Measurement Range

0.00D–2.5D; 0–160%R

Measurement Time

Approx. 1.4 seconds single measurement

Approx. 0.9 seconds for consecutive measurements in Speed Read mode

Warm Up Time

None

Repeatability

+/-0.005D 0.00–2.00D*

+/-0.010D 2.00–2.50D*

*Polarized Yellow +/-0.010D

0.00–1.80D 0.10 deltaE Max

Micro-Spot 0.00–1.80D +/-0.01D