

ISO 19056-2:2019-11 (E)

Microscopes - Definition and measurement of illumination properties - Part 2: Illumination properties related to the colour in bright field microscopy

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Measurands	1
4.1	General	1
4.2	Spectral measurement	1
4.3	Chromaticity	2
4.4	Correlated colour temperature, T_{cp}	3
4.4.1	General	3
4.4.2	Correlated colour temperature using the CIE 1960 UCS chromaticity diagram and its procedure	3
4.4.3	Correlated colour temperature using (x, y) chromaticity coordinates	3
5	Measurement procedures	3
5.1	General	3
5.2	Measurement environment	4
5.3	Integrating sphere	4
5.4	Microscope settings	4
5.4.1	Diaphragm settings	4
5.4.2	Adjustment of samples and focusing for diaphragms	4
5.4.3	Other combinations	4
5.4.4	Adjustment of light source	4
5.5	Stability of measurement	4
6	Information provided to the user	5
6.1	General	5
6.2	Information of chromaticity and correlated colour temperature	5
6.3	Additional information	6
Bibliography		8