

# ISO/TS 17321-4:2022-11 (E)

## Graphic technology and photography - Colour characterization of digital still cameras (DSCs) - Part 4: Programmable light emission system

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Description .....	2
4.1	General .....	2
4.2	Operating condition .....	3
4.3	Description of the system .....	3
4.3.1	General .....	3
4.3.2	Wavelength .....	4
4.3.3	Resolution of digital-analogue conversion for light emitting devices .....	4
4.3.4	Output window size .....	4
4.3.5	Luminance .....	4
4.3.6	Uniformity .....	4
4.3.7	Angular characteristics .....	5
4.3.8	Repeatability .....	5
4.4	Reporting form .....	6
5	Generation and evaluation of a spectral match .....	7
5.1	Generation of a spectral match .....	7
5.2	Evaluation of a spectral match .....	8
Annex A (informative) Spectral match generation, scaling, and evaluation examples .....		9
Annex B (informative) Several guideline information to design the PLES .....		11
Annex C (informative) An example for the PLES required and recommended conditions .....		12
Bibliography .....		13