ISO 12646:2015-07 (E)

Graphic technology - Displays for colour proofing - Characteristics

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Requirements 2
4.1 General 2
4.2 Uniformity of luminance and chromaticity 3
4.2.1 General 3
4.2.2 Evaluation of tone uniformity 3
4.2.3 Tonality evaluation (uniformity) 3
4.3 Viewing cone characteristics 3
4.4 Reflective characteristics 4

5 Test methods 5
5.1 General 5
5.2 Preparation and display set-up 5
5.3 Viewing angle dependent tonality evaluation ("Gamma") 5
5.4 Measurement conditions 6
5.4.1 Photometric and colorimetric measurements 6
5.4.2 Measurements as a function of viewing direction 8

Bibliography 11