

Supplementary Material

Effect of white light-emitting-diode illuminants recommended by the CIE on colors of dental ceramic materials

Javier Ruiz-López^{1,2}, Manuel Melgosa¹, Razvan Ghinea^{1,2,3}, Maria Tejada-Casado^{1,2}, Ioana-Sofia Pop-Ciutrita⁴ and María M. Pérez^{1,2*}

¹ Department of Optics, Faculty of Science, Campus Fuentenueva, Edificio Mecenas, s/n., University of Granada, 18071 Granada, Spain

² Instituto de Investigación Biosanitaria ibs.GRANADA, E18011 Granada, Spain.

³ Department of Physics, Faculty of Sciences, University of Craiova, 13 AI Cuza Street, Craiova 200585, Romania.

⁴ Department of Conservative Dentistry and Endodontics, Faculty of Dental Medicine, Iuliu Hatieganu University of Medicine and Pharmacy, 33 Motilor Street, 400001, Cluj-Napoca, Romania

* Correspondence: mmperez@ugr.es; Tel.: +34-958246164.

Table S1. Abbreviation list

Abbreviation	Definition
-00	Associated with CIEDE2000
ΔE	Color difference
AT	Acceptability Thresholds
CAM	Color Appearance Model
CAT	Chromatic Adaptation Transform
CCT	Correlated Color Temperature
CIE	Commission Internationale de l'Éclairage
CRI	Color Rendering Index
IEC	IPS-Empress CAD Low Translucency
LED	Light Emitting Diode
MCDM	Mean Color Difference from the Mean
NSP	Noritake Super Porcelain EX-3
PT	Perceptibility Thresholds
SD	Standard Deviation
SPD	Spectral Power Distribution
VST	Vita Suprinity Translucent