

Efficient illuminant correction in the Local, Linear, Learned (L^3) method

Francois G. Germain^a, Iretiayo A. Akinola^b, Qiyuan Tian^b, Steven Lansel^c, and Brian A. Wandell^{b,d}

^aCenter for Computer Research in Music and Acoustics,
Stanford University, Stanford, CA-94305, USA;

^bElectrical Engineering Department, Stanford University, Stanford, CA-94305, USA;

^cOlympus Corporation of the Americas, Sunnyvale, CA-94085, USA;

^dPsychology Department, Stanford University, Stanford, CA-94305, USA.

Send correspondence to Francois G. Germain. E-mail: FG (fgermain@stanford.edu), IA (iakinola@stanford.edu), QT (qytian@stanford.edu), SL (steven.lansel@olympus.com), BW (wandell@stanford.edu)

Color reproduction error (ΔE)	Average (Std. dev.)	90th perc.
XI _{Tun}	2.5 (1.8)	4.9
SI _{Tun} – T	2.5 (2.0)	5.4
SI _{D65} – T	4.0 (3.0)	8.3
SI _{Ens} – T	2.9 (2.2)	6.0