



## Overview

Product name	TE292, TE292 XL
Principle	Narrow-band interference filter plate for spectral sensitivity measurement

## Features

### Illumination box

Light source	For use with Image Engineering LE7 illumination device (not included)
Wavelength range	380 - 760 nm (10 nm steps)
Utilizable wavelength range in combination with LE7 V2	400 - 760 nm
Bandwidth	10 nm
Diameter interference filters	22 mm (XL), 10 mm
Diameter ND filters	12 mm (XL), 6 mm

### Software

System requirements	PC with Windows 7 operating system (or higher)
Functions	<ul style="list-style-type: none"> <li>Spectral sensitivity measurement</li> <li>Creation of ICC profiles</li> <li>Use of 2D- and 3D-MLUT for profile creation</li> <li>CIECAM16 implementation for profile creation</li> <li>Test procedure for evaluating CCMs with different training data</li> <li>RAW file* processing / dark frame subtraction / batch processing</li> <li>Validation by comparing camera and predicted RGB values</li> <li>Generation of Color Correction Matrices (CCM)</li> </ul>



- Visual evaluation of ICC profiles with real images
- Export all results to XML or plain text files

### General description hardware

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Dimensions [W x H x D]	360 x 280 x 30 mm
Weight	2.1 kg
Scope of delivery	Software Calibration file

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\* In this context, Image Engineering uses the term "RAW file" for files that are created by a digital camera in "RAW-Mode" and are readable by the software dcrw. This does not include RAW-files that do not follow any readable image file format. You will have to convert these files to e.g. 16 bit linear tiff first.