



Overview

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| Product name | TE292 |
| Principle | camSPECS narrow-band interference filter plate for spectral sensitivity measurement |

Features

Illumination box

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|--|---|
| 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 |
| Diameter ND filters | 12 mm |

Software

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



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

General description hardware

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

* 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.