

**Calibration Mark: 00724-PRI-21****Page 1/2**

This is to certify that the subject instrument was calibrated and tested at Acal BFi Germany GmbH on this date, using a working standard and other instruments whose accuracies are traceable to the National Institute of Standards and Technology (N.I.S.T.).

**Working Standard:**

Luminance Lamp: LRS-455-6-1 S/N 18000004/18000017  
Colorimetric coordinates:  $x = 0,4502$   $y = 0,4128$  CCT = 2858 K  
(for a Luminance: 1000 fl / 3427 cd/m<sup>2</sup>)

Calibrated by Photo Research traceable to N.I.S.T.

Primary Source of Calibration:

Model No. 455-6 S/N: 10404374 N.I.S.T. Test No. 685/287969-16

The instrument was found to be within its rated accuracy of  $\pm 2\%$  of Luminance readings and both CIE 1931 xy chromaticity coordinates to be within  $x \pm 0,0015$ ,  $y \pm 0,0010$  when measuring a blackbody source at 2856 K

The spectral wavelength uncertainty (accuracy) of the instrument is less than  $\pm 2$  nm

**Article: Spectroradiometer****Model Name: PR-655****Reference Number: 701426****Serial Number: 65082002****Date of Calibration: 23.11.2021****Performed by: Leonhard Dunau****Date: 23.11.2021**

**Acal BFi Germany GmbH**  
Oppelner Straße 5  
D-82194 Gröbenzell  
Tel. 08142/6520-0, Fax -190

**Signed and Seal:**

Measured values after calibration:

	Luminance of the source 1000,4 fl
	MS-75
1°	1,001 e+003 fl 2858 K x = 0,4502 y = 0,4128
	Luminance of the source 1000,4 fl
	MS-2.5X
1°	1,000 e+003 fl 2859 K x = 0,4501 y = 0,4127
	Luminance of the source 1000,4 fl
	FP 655-2
1°	1,000 e+003 fl 2857 K x = 0,4502 y = 0,4127

**Acal BFI Germany GmbH**

Geschäftsführer: Elmar Holzmann, Simon Gibbins, Martin Pangels

Büro Frankfurt: Assar-Gabrielsson-Straße 1, D-63128 Dietzenbach, Tel.: +49 6074 4098 0, Fax: +49 6074 4098 110

Büro München: Oppelner Straße 5, D-82194 Gröbenzell, Tel.: +49 8142 6520 0, Fax: +49 8142 6520 190

Web: [www.acalbfi.de](http://www.acalbfi.de), E-Mail: [info-de@acalbfi.de](mailto:info-de@acalbfi.de)

Sitz der Gesellschaft: Dietzenbach / Amtsgericht: Offenbach HRB 44931, UST-ID-NR: DE 145 765 000

Bankverbindung: HSBC Trinkaus & Burkhardt AG S.W.I.F.T.: TUBDDEDD IBAN: DE95 3003 0880 0013 7760 08