

Certificate of Compliance  
and Conformance  
(NIST Traceable)



Calibration Mark: 00122-OGH-PRI

**Device:**

Spektroradiometer Model PR-650, S/N 60961402

This is to certify that the subject instrument was calibrated and tested at BFI OPTILAS 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-462 S/N 99406049  
Colorimetric coordinates :  $x = 0,4492$   $y = 0,4107$  CCT = 2855 K  
( for a Luminance: 100 fl / 342,6 cd/m<sup>2</sup> )

Calibrated by Photo Research traceable to N.I.S.T.  
Primery Source of Calibration:  
Model No. FEL S/N: F343 N.I.S.T. Report No. 844/265658-01

The instrument was found to be within its rated accuracy of  $\pm 4\%$  of Luminance/Radinance readings and within  $\pm 0,001$  for CIE 1931 xy chromaticity coordinates when measuring a blackbody source at 2856 K

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

| Aperture | Luminance of the source 100,01 fl               |       |
|----------|---|-------|
|          |   | MS-75 |
| 1°       | 100,7 fl<br>2856 K<br>$x = 0,4492$ $y = 0,4106$ |       |
|          | FP-650  |       |
| 1°       | 100,2 fl<br>2856 K<br>$x = 0,4492$ $y = 0,4107$ |       |
|          | MS-2.5X   |       |
| 1°       | 99,90 fl<br>2857 K<br>$x = 0,4491$ $y = 0,4105$ |       |

13.04.2005  
Calibration Date

**BFI OPTILAS GmbH**  
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Authorized Signature  
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