

# 'OPTICAL CALIBRATION LABORATORY'

## TIA/IEC SOURCE COMPLIANCE TRACEABLE CALIBRATION CERTIFICATE FOR L.E.D. SOURCE WITH 50µm FIBER

### TEST DETAILS

Certificate No:	Type of Test: <i>Annex A of IEC61280-4-1</i>
Date of test:	Confidence Level: 95%    -k factor = 1.96
Instrument Serial No:	Laboratory Temp: $21 \pm 3$ ° C
Instrument Type / Part No:	CPR Classification: 1

### CALIBRATION RECORD

Centre Wavelength		Spectral width nm, FWHM		CPR		Pass / Fail
Required	Measured	Required	Measured	Required	Measured	
820-880nm		30-60		20.0-24.0		
1280-1320nm		100-140		16.0-20.0		
Absolute Uncertainty		$\pm 0.60$ dB				

Fiber Size 50/125µm Fiber was used to carry out the above tests, other sized fiber will vary the results.

Optical Connector Optically centered connectors with core / ferrule concentricity within  $\pm 0.5$  µm, where used. In use with different connectors, the attenuation uncertainty will be different, depending on the concentricity error. Linearity will be unaffected

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Operator Signed: \_\_\_\_\_ Date of Issue: \_\_\_\_\_

Signatory Checked: \_\_\_\_\_

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File: In Calibration Records Archive    For **DEMO PURPOSES ONLY**