



CL3 UV Spectral Irradiance 200-400nm

The CL3 is a universal UV spectral irradiance standard lamp for the calibration of spectroradiometers and radiometers. It is housed in a metal enclosure with optical bench compatible mounting holes in the base. Calibration distance is set using a spacer bar supplied with the lamp.

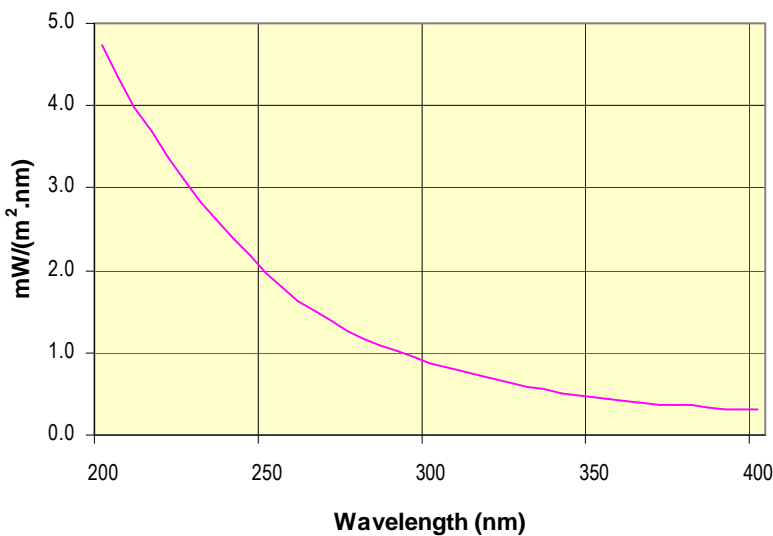
The calibration is performed with respect to National Physical Laboratory (NPL Teddington, UK) calibrated lamps held by Bentham. Alternatively, direct NPL calibration can be offered.

Options

The CL3 is fitted with a 30W deuterium lamp and is supplied with a matched power supply, model 705.



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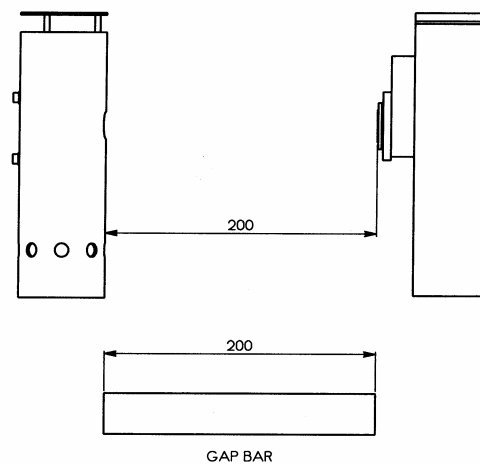


The CL3 can be supplied with diffuse reflectance tile and mount (made from OpDiMa material) to provide spectral radiance standard.



Typical Integrated Irradiance

200-400nm	280 mW/m ²
UV-A (315-400nm)	40 mW/m ²
UV-B (280-315nm)	35 mW/m ²
UV-C (200-280nm)	205 mW/m ²



Calibration distance 200mm