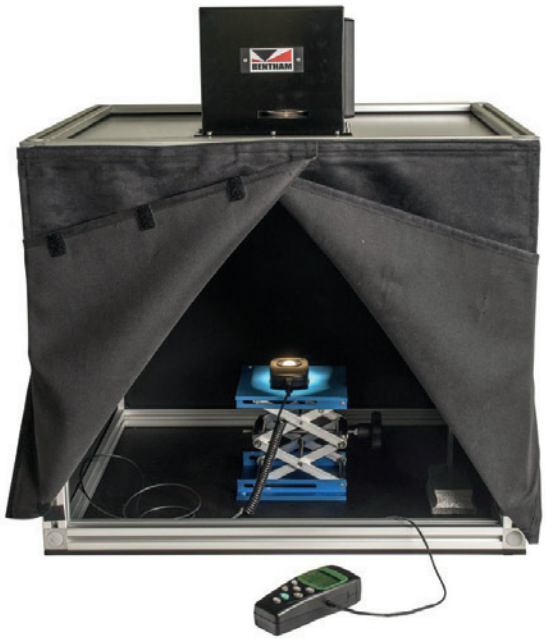
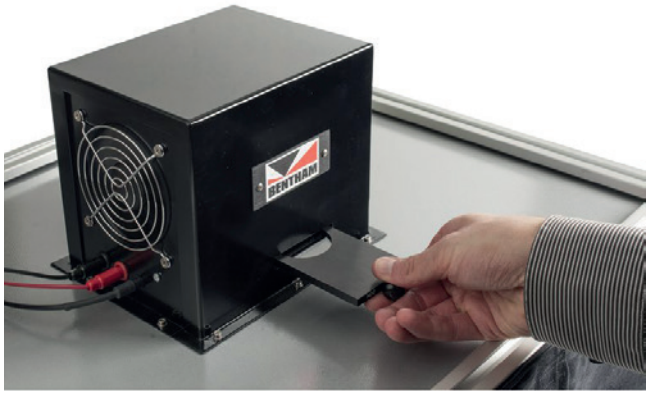
Simplify your lux and luminance meter calibration with LuxCal250, LumiCaL50 and Luxmeter+



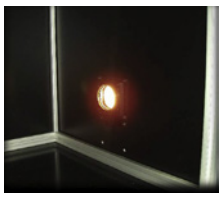


The conditions required in conventional luxmeter calibration include both a source having a 2856 K CCT alongside a dark room with extended optical bench. The range of illuminance levels is limited by measurement distance. Complex baffling is essential.
The LuxCal250 – and optional LumiCal50 luminance meter calibrator – uses a range of neutral density filters to enable calibration over an exceptionally wide dynamic range.

Luxmeter+

Turn your LuxCal250 into a UKAS accredited calibration device with the Luxmeter+ option, including precision photometric detector and high performance pico-ammeter

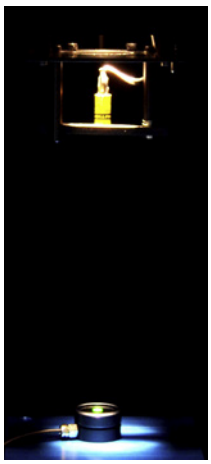
- No darkroom or optical bench required
- Compliant to ISO/CIE 19476:2014
- Calibration traceable to PTB, Germany
- Test over wide dynamic range



LumiCal50

Luminance meter calibrator

- Add-on to B-LuxCal250
- Colour-shifted (2856 K) integrating sphere luminance standard
- 5 calibrated luminance levels



LuxCal250

Illuminance meter calibrator

- Light-tight enclosure
- Colour shifted (2856 K) quartz halogen illuminance standard
- 5 calibrated illuminance levels

Typical illuminance (lx)	Filter	Typical luminance ($cd.m^{-2}$)
19000	None	21000
1800	ND1	1800
180	ND2	200
20	ND3	30
2	ND4	3

Ordering information	
B-LuxCal250	Illuminance meter calibration system
B-LumiCal50	Luminance meter calibrator
B-Luxmeter+	Calibrated photometric detector

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