

Light Probe



Like the Human Eye

The Light Probe is designed to comply with the needs for Quality Assurance in modern X-ray departments.



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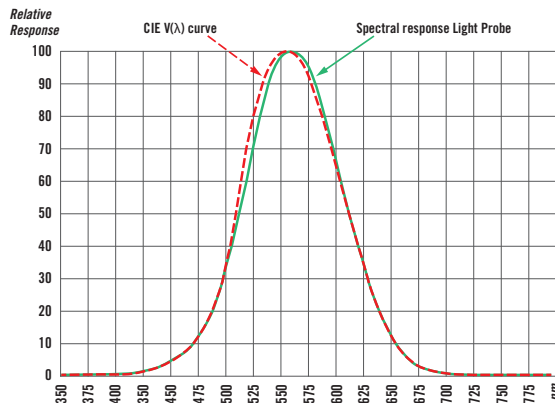
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**RTI**From Radiation
to Information

Measures the Brightness on Monitors with the Same Spectral Response as the Human Eye

The Light Probe is designed to comply with the needs for Quality Assurance in modern X-ray departments. With a monitor and a lux adapter the Light Detector measures the brightness on monitors and film viewing boxes, and the ambient light in the room.

The Light Probe has the same spectral response as the human eye. That makes it reliable for all different types of measurements, independent of the light source. The spectral response complies with the CIE $V(\lambda)$ curve.



Like the Human Eye

Specifications

Type:	L100B	
Spectral Response:	CIE $V(\lambda)$ (Photopic)	
Field of view:	Lux adapter	180° (Cosine)
	Monitor adapter	Ø 7 mm
Connector:	Hirose (Piranha, Cobia)	

With Black Piranha

Monitor, viewing box: (Luminance)	Range	0.04 cd/m ² - 128 kcd/m ²
	Inaccuracy	±5 % or ±0.008 cd/m ²
Ambient light: (Illuminance)	Range	0.014 lx - 48 klx
	Inaccuracy	±5 % or ±0.003 lx

With Cobia Flex / Sense

Monitor, viewing box: (Luminance)	Range	0.2 cd/m ² - 190 kcd/m ²
	Inaccuracy	±5 % or ±0.04 cd/m ²
Ambient light: (Illuminance)	Range	0.08 lx - 70 klx
	Inaccuracy	±5 % or ±0.02 lx