Light Probe

Reliable Vision

With a monitor and a lux adapter the Light Probe 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.

Innovative X-ray QA Solutions...of Course!

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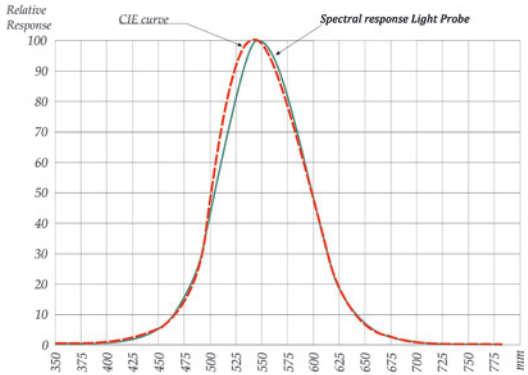
Like the Human Eye

RTI

Reliable Vision

The Light Probe is designed to comply with the needs for QA in modern X-ray departments. With a monitor and a lux adapter the Light Probe 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 curve.



Automatic Identification

The Light Probe supports the Piranha ADI (Automatic Detector Identification) system. All information regarding the Probe is stored in a memory inside the probe. When connected, the Piranha automatically identifies the probe and makes all necessary adjustments without any need for interaction from the user. The Piranha ADI system also gives full interchangeability of probes between different Piranha systems using the same type of probes.

To use the Light Probe with the Barracuda an electrometer module is required. Recommended model is EMM-BiasW.

Specifications:

Specifications for Light Probe, type L100B. Specifications are valid for Piranha and Barracuda with EMM-BiasW.

Spectra Response	CIE Photopic	
Acceptance angle	Lux adapter	180° (Cosine)
	Monitor adapter	Ø 7 mm
Monitor, viewing box	Range	0.03–72000 cd/m²
	Inaccuracy	±5 % or ±0.006 cd/m²
Ambient light	Range	0.01–24000 lx
	Inaccuracy	±5 % or ±0.002 lx

For Piranha: Piranha Light Probe
For Barracuda: L100B Light Probe