



TECHNICAL FLYER

Quality Assurance in Medical Imaging

LXcan – Spot Luminance Meter

Display QA

LXcan – Spot Luminance Meter

Unique Two-in-One design

- Distance and contact measurement in one device

Innovative design

- Easy targeting with a built-in camera

Highly precise

- Real-time measurement



QC Kit IBACan inclusive optional LX-LS sensor

OPTIONAL: DisplayQ DICOM-Curve software.

Enabling quick measurement of the DICOM curve through automatic value transmission and evaluation

Sequence Technical Facts

Luminance Measurement Range

0.05 to 10,000 cd/m²

Illuminance Measurement Range LX-LS

0.1 to 10,000 lx

Resolution

0.03 cd/m²

F.O.V.

~ 1.6 °

Stray-Light-Baffle

Integrated

Measurement Distance

0 cm / 50cm

Measurement Spot

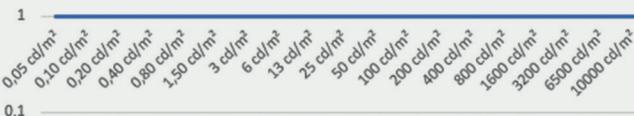
2 cm at 50 cm distance

Distance Sensor

Ultrasonic

Measurement Linearity 0.1 to 10,000 lx

LXcan linearity [photo diode]



Total Uncertainty

≤ 10 %

f1`Uncertainty of V[λ] Response

≤ 3 %

Influence of Outfield Luminance f2 [U]

≤ 0.6 %

Display

1.2'' TFT

Interface

USB, RS 232

Battery rechargeable via USB

Li-Ion

Housing

Al; Tripod Adapter

Dimensions

LXcan: 220 × 80 × 45 mm Case: 420 × 320 × 130 mm

Weight

500 g

Power Consumption [use with USB]

approx. 450 mA

Expected Operation Time [Battery use]

approx. 8 h

Disclaimer: Depicted Pictures and images may differ from the actual scope of delivery. Technical data is subject to change without prior notice. Contact your local IBA sales representative for more information

IBA Dosimetry

Independent & Integrated Quality Assurance
 Europe, Middle East, Africa | +49-9128-607-38
 North America and Latin America | +1 786 288 0369
 Asia Pacific | +65 3129 2472
 dosimetry-info@iba-group.com | iba-dosimetry.com
 MI-TF-E-LXcan-Spot-Luminance-Meter-Rev.2-0423

