

## METER ILLUMINATION INTENSITY PHOTODIODE

**MANUFACTURER: FLUKE BIOMEDICAL**

**Manufacturer Model# 07-621**

**Manufacturer's PHONE: (440) 498-2565 FAX: (440) 498-0000**

**Manufacturer's Website: <http://www.flukebiomedical.com/biomedical/usen/home/>**

**Item Web Link:**

**<http://www.flukebiomedical.com/biomedical/usen/diagnostic-imaging-qa/x-ray-qa-instruments/07-621.htm?PID=54324>**

**AAC 'L' ITEM NSN 6695-01-574-8935**

**UAs: T500, T501, T503**

**USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$945.00**

**System Description:** This Precision Photometer utilizes a filtered sensor with spectral response tightly calibrated to the International Commission on Illumination (CIE) photo pic response. The illuminance receptors closely follow the Cosine Law relative sensitivity versus angle of illuminance.

The Precision Photometer is a highly accurate instrument designed to measure both illuminance (the amount of light falling on a surface) in lux (lumens per m<sup>2</sup>) and luminance (the amount of light emitted from a surface) in nit (candela per m<sup>2</sup>).

The Precision Photometer easily and quickly verifies that an x-ray collimator light or CT system light source used for patient alignment and localization is in accordance with regulations and guidelines. It also measures the brightness and uniformity of an x-ray view box, quickly detecting non-uniformity (which may appear as artifacts, causing misdiagnosis). This battery-operated photometer has a bright LED display and only two operating controls: "Measure" for taking a reading, and "Range" to adjust the meter display to the light level being measured.

- Features:**
- Easy-to-read digital display
  - Small -- convenient to carry; supplied with its own carrying case
  - Rugged construction
  - Measure button: press it to get continuously updated readings. Releasing the measure button freezes the last reading for convenient reference
  - Range button: adjusts the measurement display for the resolution desired
  - LED display: visible in very dim light, as well as direct sunlight. LED displays are inherently robust in comparison to liquid crystal displays (LCDs)
  - The battery-powered photometer provides tens of thousands of readings

**NOTE: LIN M38443**



**METER ILLUMINATION INTENSITY PHOTODIODE**  
**PART # 07-621**  
**NSN 6695015748935**



**CASE**  
**PART # 89-621**

**METER ILLUMINATION INTENSITY PHOTODIODE  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>0.98</b>
	<b>Width (Inches)</b>	<b>2.76</b>
	<b>Length (Inches)</b>	<b>3.94</b>
	<b>Cube (Cubic Feet)</b>	<b>0.0062</b>
	<b>Weight</b>	<b>4 oz</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>41 to 104 °F</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		<b>Maximum 95% relative humidity, noncondensing</b>
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>Batteries: Four each 1.5V, Type A-76 alkaline button cells, or silver oxide types, MS-76, 10L 14, RW-42, 357</b>	
<b>Notes</b>		

**METER ILLUMINATION INTENSITY PHOTODIODE  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Fluke BioMedica 1	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6695015748935		Meter Illumination Intensity Photodiode	07-621		1	EA	\$945.00	\$945.00	N/A
	Awaiting NSN	Case	89-621		1	EA	Incl w/NSN 8935	Incl w/NSN 8935	N/A
7610015437003		Literature Operator			1	EA	Incl w/NSN 8935	Incl w/NSN 8935	N/A
NSN Not Required		Batteries, 1.5V, Alkaline Button Cells or Silver Oxide Types	A-76	MS-76, 10L 14, RW-42, 357	4	EA	Incl w/NSN 8935	Incl w/NSN 8935	N/A

**METER ILLUMINATION INTENSITY PHOTODIODE**  
**WEB LINKS**

**[Click Below for Literature, Operator Manual](http://assets.fluke.com/manuals/07-621__umeng0400.pdf)**

**[<http://assets.fluke.com/manuals/07-621\\_\\_umeng0400.pdf>](http://assets.fluke.com/manuals/07-621__umeng0400.pdf)**