

TECHNICAL DATA SHEET LED NGP



LED-NGP-11 WS X-RAY FILM VIEWER

HOW DOES THE X-RAY FILM VIEWER WORK?

LED-NGP X-ray film viewers are medical devices designed for the analysis of medical images on X-ray films, which is one of the basic methods of diagnosing human diseases. X-ray film viewers manufactured in LED technology have extremely efficient parameters, such as: value of luminance intensity, uniformity of screen luminance, low operating cost- long lifetime, low energy consumption. The devices do not come into contact with patients as they are devices supporting the process of analyzing X-rays by a doctor. The products are made in the 1st class of protection against electric shock. They can be used in operating theaters, doctor's offices, X-ray laboratories, etc.

BASIC DATA:

Mounting type	recessed into the wall
Casing material (viewer housing)	powder-coated steel sheet
Viewer screen material	PMMA
Front panel material	acid-proof steel
Switch on/off	in a knob (front panel)
Automatic clip for X-ray film	yes
Ambient temperature	+10°C to +40°C
Relative humidity	30% to 70%
Atmospheric pressure	700 hPa to 1060 hPa
Declaration of conformity	yes
User's manual English version	yes

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TECHNICAL DATA:

Supply voltage	90-260 V, 50-60 Hz
Power consumption	65 W
Luminance	600-6000 cd/m ² +/- 15 % (19 000 lux)
Light uniformity	≥90 %
Step-less luminance adjustment (each frame separately)	10 - 100 %
Colour temperature of the lamps light	> 6500 °K
Life-time span	50 000 working hours (average 25 years)
Absolutely no light flickering	yes
Screen dimensions (L x H)	36 x 43 cm
Recess dimensions (L x W x H)	435 x 50 x 545 mm
Overall dimensions (L x W x H)	470 x 74 x 580 mm
Total mass	6.0 kg
Class of protection against electric shock	I
Ingress Protection Code	IP 20
Class for the medical environment	B - home
Group according to PN-EN 55011 Clause 5	1
Power cord length	0.2 m

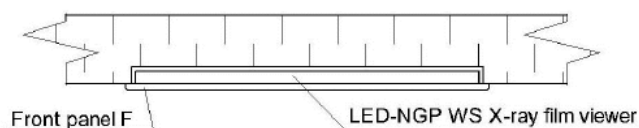
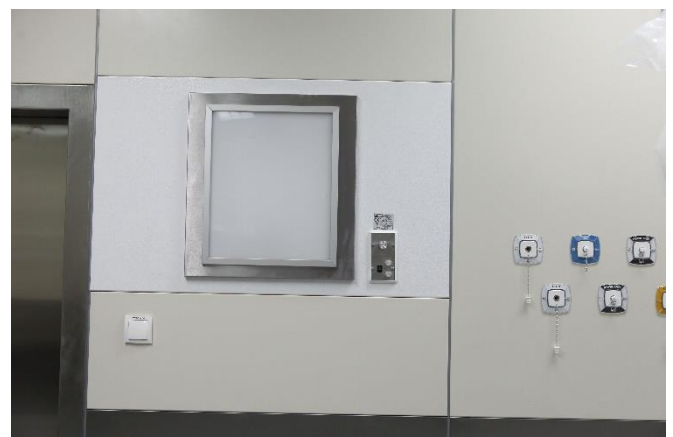


Fig. 2 View of the LED-NGP WS after the installation



Ultra-Viol's realisation