

KOWOLUX LX

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NDT Film viewers for X-ray films
according to ISO 5580, ASTM E1390



For evaluation of large format NDT X-ray films

KOWOLUX LX series LED film viewer for NDT X-ray films

The KOWOLUX LX viewers are designed for high-end NDT X-ray film evaluation.

A durable, economically designed housing made of stainless steel contains latest series of PowerLEDs providing magnificent white light over the entire control range. A speed controlled cooling fan reduces irritating noise.

KOWOLUX LX 40 / LX 40plus / LX 60 / LX 90

Viewers with terminal strip for fixing the X-ray film and 4-way blind system for adjustment to any film format.

KOWOLUX LX 14X17 / LX 14X17plus

Viewers with spot light in the left top corner for evaluating X-ray films with higher density and an attachable masks system.

Specification:

Housing :	stainless steel	Screen glass:	thermally cured, transluence 92%
Uniformity factor:	$g > 0.8$	Divergence factor:	$\sigma' > 0.9$
Color temperature:	5,000 K	Lifetime of LEDs:	> 40,000 h
Control range:	< 0.5 ... 100%	Power supply:	88 ... 264 V / 47 ... 63 Hz

KOWOLUX LX 40

Article No.: 13 40195

Viewing area:	405 x 430 mm
Luminance/ Density:	80,000 cd/m ² / 3.9 D
Rated power:	140 W
Dimensions/ Weight:	700 x 100 x 640 mm / 19.0 kg

KOWOLUX LX 40plus

Article No.: 13 40700

Viewing area:	405 x 430 mm
Luminance/ Density:	100,000 cd/m ² / 4.0 D
Rated power:	160 W
Dimensions/ Weight:	700 x 130 x 640 mm / 24.0 kg

KOWOLUX LX 60

Article No.: 13 40197

Viewing area:	405 x 605 mm
Luminance/ Density:	80,000 cd/m ² / 3.9 D
Rated power:	200 W
Dimensions/ Weight:	870 x 100 x 640 mm / 24. kg

KOWOLUX LX 90

Article No.: 13 40690

Viewing area:	405 x 905 mm
Luminance/ Density:	70,000 cd/m ² / 3.85 D
Rated power:	450 W
Dimensions:	1170 x 100 x 640 mm / 30.0 kg

KOWOLUX LX 14X17

Article No.: 13 40680

Rated power:	200 W
Viewing area:	355 x 430 mm - spot 50 x 50 mm
Luminance/ Density:	70,000 cd/m ² / 3.8 D - spot 160,000 cd/m ² / 4.2 D
Dimensions/ Weight:	700 x 100 x 640 mm / 11.0 kg

KOWOLUX LX 14X17plus

Article No.: 13 40675

Rated power:	230 W
Viewing area:	355 x 430 mm - spot 50 x 50 mm
Luminance/ Density:	160,000 cd/m ² / 4.2 D - spot 320,000 cd/m ² / 4.5 D
Dimensions/ Weight:	700 x 130 x 640 mm / 15.0 kg

Scope of supply:

KOWOLUX LX Film viewer complete with:

Foot switch, Power supply cable, Stand feet (vertical stand), Wall mounting kit,
Test Certificate, Certificate of Conformity - LX 14X17 additionally with mask 14x17 inch

Accessories:

LX Set Up-/ Carrying Device

Article No.: 13 40199

LX 14X17 Attachment mask for films

14x17 inch	Article No.: 13 40681	7x17 inch	Article No.: 13 40682
8x10 inch	Article No.: 13 40683	5x 7 inch	Article No.: 13 40684
12x15 inch	Article No.: 13 40685	10x12 inch	Article No.: 13 40686
7x10 inch	Article No.: 13 40687	4x15 inch	Article No.: 13 40688
14x17 inch with IRIS Ø 4 ... 75 mm at spot			Article No.: 13 40689

