

# KOWOLUX LX

## KOWOLUX LX

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. High luminance helps inspection personnel to find discontinuities easily without vision fatigue. 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	Power supply:	88 ... 264 V / 47 ... 63 Hz
Uniformity factor:	$g > 0.8$	Screen glass:	thermally cured, translucence 92%
Color temperature:	5,000 K	Divergence factor:	$\sigma' > 0.9$
Brightness control:	2 - with and without footswitch	Lifetime of LEDs:	> 40,000 h
		Control range:	< 0.5 ... 100%

#### KOWOLUX LX 40

Viewing area:	405 x 430 mm
Luminance/ Density:	80,000 cd/m <sup>2</sup> / D 3.90
Rated power:	140 W
Dimensions/ Weight:	700 x 100 x 640 mm / 19.0 kg

Article No.: 13 40195



#### KOWOLUX LX 40plus

Viewing area:	405 x 430 mm
Luminance/ Density:	100,000 cd/m <sup>2</sup> / D 4.00
Rated power:	160 W
Dimensions/ Weight:	700 x 130 x 640 mm / 24.0 kg

Article No.: 13 40700



#### KOWOLUX LX 60

Viewing area:	405 x 605 mm
Luminance/ Density:	80,000 cd/m <sup>2</sup> / D 3.90
Rated power:	200 W
Dimensions/ Weight:	870 x 100 x 640 mm / 24. kg

Article No.: 13 40197

#### KOWOLUX LX 90

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

Article No.: 13 40690

#### KOWOLUX LX 14X17

Rated power:	200 W
Viewing area:	355 x 430 mm - spot 50 x 50 mm
Luminance/ Density:	70,000 cd/m <sup>2</sup> / D 3.80 - spot 160,000 cd/m <sup>2</sup> / D 4.20
Dimensions/ Weight:	700 x 100 x 640 mm / 11.0 kg

Article No.: 13 40680



#### KOWOLUX LX 14X17plus

Rated power:	230 W
Viewing area:	355 x 430 mm - spot 50 x 50 mm
Luminance/ Density:	160,000 cd/m <sup>2</sup> / D 4.20 - spot 320,000 cd/m <sup>2</sup> / D 4.50
Dimensions/ Weight:	700 x 130 x 640 mm / 15.0 kg

Article No.: 13 40675

#### 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

