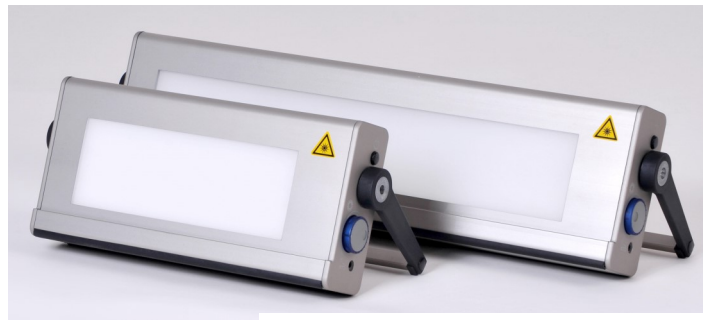


KOWOLUX M-X-LX

KOWOLUX M - X - LX NDT Film Viewers

according to DIN EN 25580, ISO 5580, ASTM E1390



Evaluation of X-ray films
with highest contrast



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KOWOLUX M - X - LX NDT Film Viewer series

Selection Guide

Film viewer	for films	Viewing screen	Luminance	Power	Weight	Dimensions (WxDxH)	Properties
type	cm x cm	mm x mm	cd / m ²	W	kg	mm x mm	Main purpose
article number	inch x inch	inch x inch	D	V AC / Hz	lbs	inch x inch	Special features
KOWOLUX M1	10 x 24	80 x 225	150,000	70	2.9	325 x 62 x 150	weld seam images
13 40400	3.9 x 9.5	3.15 x 8.85	4.15	100 - 240 / 50 - 60	6.4	12.8 x 2.4 x 5.9	water- and dust proof, durable, long life
KOWOLUX M1plus	10 x 24	80 x 225	200,000	90	2.9	325 x 62 x 150	weld seam images
13 40401	3.9 x 9.5	3.15 x 8.85	4.30	100 - 240 / 50 - 60	6.4	12.8 x 2.4 x 5.9	water- and dust proof, durable, long life
KOWOLUX M2	10 x 48	80 x 450	150,000	140	4.5	552 x 62 x 150	weld seam images
13 40450	3.9 x 19.0	3.15 x 17.7	4.15	100 - 240 / 50 - 60	9.9	21.7 x 2.4 x 5.9	water- and dust proof, durable, long life
KOWOLUX X3	10 x 48	80 x 450	320,000	300	10.2	530 x 220 x 205	weld seam images
13 40080	3.9 x 19.0	3.15 x 17.7	4.50	88 - 264 / 47 - 63	22.5	20.9 x 8.7 x 8.1	most durable, attachments, long life
KOWOLUX X3eco	10 x 48	80 x 450	200,000	210	10.1	530 x 220 x 205	weld seam images
13 40081	3.9 x 19.0	3.15 x 17.7	4.30	88 - 264 / 47 - 63	22.3	20.9 x 8.7 x 8.1	most durable, attachments, long life
KOWOLUX X4	10 x 24	80 x 225	320,000	150	6.6	305 x 220 x 205	weld seam images
13 40100	3.9 x 9.5	3.15 x 8.85	4.50	88 - 264 / 47 - 63	14.6	12.0 x 8.7 x 8.1	most durable, attachments, long life
KOWOLUX X4eco	10 x 24	80 x 225	200,000	110	6.4	305 x 220 x 205	weld seam images
13 40101	3.9 x 9.5	3.15 x 8.85	4.30	88 - 264 / 47 - 63	14.2	12.0 x 8.7 x 8.1	most durable, attachments, long life
KOWOLUX X5	13 x 18	110 x 150	630,000	200	6.7	305 x 220 x 205	turbine blade images, high densities
13 400120	5.1 x 7.1	4.30 x 5.90	4.80	88 - 264 / 47 - 63	14.8	12.0 x 8.7 x 8.1	most durable, attachments, long life
KOWOLUX X6	30 x 40	270 x 390	200,000	450	25.0	530 x 320 x 440	large format images
13 40600	11.8 x 15.7	10.60 x 15.35	4.30	88 - 264 / 47 - 63	55.1	20.9 x 12.6 x 17.3	most durable, attachments, long life
KOWOLUX X6eco	30 x 40	270 x 390	130,000	310	22.0	530 x 320 x 440	large format images
13 40601	11.8 x 15.7	10.60 x 15.35	4.10	88 - 264 / 47 - 63	48.5	20.9 x 12.6 x 17.3	most durable, attachments, long life
KOWOLUX X7	universal	dia. 4 ... 75	1,100,000	110	7.1	305 x 220 x 205	universal, highest densities
13 40140		dia. 0.15 ... 1.90	5.00	88 - 264 / 47 - 63	15.7	12.0 x 8.7 x 8.1	built-in IRIS lens, attachments, long life
KOWOLUX X8	universal	dia. 6 ... 113	650,000	190	7.5	305 x 220 x 205	universal, high densities
13 40780		dia. 0.25 ... 4.50	4.80	88 - 264 / 47 - 63	16.5	12.0 x 8.7 x 8.1	built-in IRIS lens, attachments, long life
KOWOLUX 14X17	35 x 43	355x 430	160,000	500	26.0	530 x 320 x 440	large format images
13 40650	14.0 x 17.0	14.00 x 16.90	4.20	88 - 264 / 47 - 63	57.3	20.9 x 12.6 x 17.3	most durable, attachments, long life
KOWOLUX 14X17eco	35 x 43	355x 430	100,000	340	23.0	530 x 320 x 440	large format images
13 40651	14.0 x 17.0	14.00 x 16.90	4.00	88 - 264 / 47 - 63	50.7	20.9 x 12.6 x 17.3	most durable, attachments, long life
KOWOLUX LX 14X17	35 x 43	355x 430	70,000 / 160,000	200	11.0	700 x 100 x 640	large format images
13 40680	14.0 x 17.0	14.00 x 16.90	3.80 / 4.20	88 - 264 / 47 - 63	24.3	27.6 x 3.9 x 25.2	built-in spot - 5 x 5 cm, durable, long life
KOWOLUX LX 14X17plus	35 x 43	355x 430	160,000 / 320,000	230	15.0	700 x 100 x 640	large format images
13 40675	14.0 x 17.0	14.00 x 16.90	4.20 / 4.50	88 - 264 / 47 - 63	33.1	27.6 x 3.9 x 25.2	built-in spot - 5 x 5 cm, durable, long life
KOWOLUX LX 40	40 x 43	405x 435	80,000	140	11.0	700 x 100 x 640	large format images
13 40195	15.7 x 17.0	15.90 x 17.10	3.90	88 - 264 / 47 - 63	24.3	27.6 x 3.9 x 25.2	built-in 4-way blind system, long life
KOWOLUX LX 40plus	40 x 43	405x 435	100,000	160	19.0	700 x 100 x 640	large format images
13 40700	15.7 x 17.0	15.90 x 17.10	4.00	88 - 264 / 47 - 63	41.9	27.6 x 3.9 x 25.2	built-in 4-way blind system, long life
KOWOLUX LX 60	40 x 60	405x 605	80,000	200	24.0	870 x 100 x 640	large format images
13 40196	15.7 x 23.6	15.90 x 23.80	3.90	88 - 264 / 47 - 63	25.9	34.3 x 3.9 x 25.2	built-in 4-way blind system, long life
KOWOLUX LX 90	40 x 90	405x 905	70,000	450	30.0	1170 x 100 x 640	large format images
13 40690	15.7 x 35.4	15.90 x 35.60	3.80	88 - 264 / 47 - 63	66.1	46.1 x 3.9 x 25.2	built-in 4-way blind system, long life

Complete series: control range < 0.5 ... 100 % Uniformity g > 0.8 Divergence σ' > 0.9 LED long life > 40,000 h 5,000 K

Corresponding Luminance- / D values according to DIN EN 25580, ISO 5580, ASTM E1390

D	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
cd/m ²	31,500	40,000	50,000	63,000	80,000	100,000	125,000	160,000	200,000	250,000	315,000	400,000	500,000	630,000	800,000	1,000,000