Luxmeter “TKA-Lux / Etalon”



Range of transmitted **illumination** (type A, normal)	1.0 ÷ 50,000 lx
Total relative error of the device (no more)	± 2.6%
including the relative error caused by the nonlinearity of the sensitivity of the device (no more)	± 0.5%
including the relative measurement error caused by the deviation of the relative spectral sensitivity from the relative spectral luminous efficiency (no more)	± 1.1%
including the basic relative error in measuring the illumination created by a type A optical radiation source, (no more)	± 2.0%

Overall dimensions of the device

Measuring unit	160 x 85 x 30 mm
Photometric head	⌀ 36 x 21 mm

Device weight (no more)	0.45 kg
Battery – Krona battery standard size	9 in

Checking the device

Calibration of the “TKA-Lux / Etalon” Luxmeter is carried out in accordance with the MP “Luxmeter” TKA-Lux / Etalon “. Verification Methodology ”at VNIIOFI, Moscow.
Calibration interval – 1 year.

Significant advantages of the TKA-Lux / Etalon Luxmeter over analogues

Reliable and easy to operate. Affordable price.

The device can be connected via a half-duplex synchronous serial interface to a computer or other controller.

The light meter, which you can buy on our website, fully complies with GOST requirements for assembly quality. The high-precision system allows transmitting the illumination level with minimal errors (GHG 2.0%). The device calculates the illumination level directly, therefore the results are determined very quickly and accurately.