# Luxmeter “TKA-PKM” (31)

**Main technical data and characteristics**

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| **Illumination** measurement range | 10 ÷ 200,000 lx |
| Basic relative error of illumination measurements (no more) | ± 8.0% |
| Including the limits of the permissible relative error caused by the nonlinearity of the sensitivity of the device (no more) | ± 3.0% |
| Including the limits of the permissible relative error caused by the deviation of the relative spectral sensitivity from the relative spectral luminous efficiency (no more) | ± 5.0% |

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| Including the limits of the permissible relative error caused by the deviation of the calibration by source A (no more) | ± 3.0% |
| Including the limits of the permissible relative error caused by the spatial characteristic of the photometric head of the luxmeter (no more) | ± 5.0% |
| The limits of the additional relative error of the device when measuring optical quantities, due to a change in the sensitivity of the photometric head when the air temperature in the measurement zone changes for every 10 ° C (no more) | ± 3.0% |
| Liquid crystal display | 3½ digit |

**Overall dimensions of the device**

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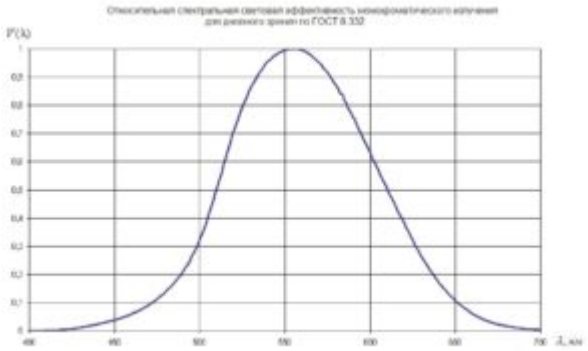
| Measuring unit (no more) | 130 x 70 x 30 mm |
| Photometric head (no more) | Ø40 x 30 mm |
| Device weight (no more) | 0.22 kg |
| Battery – Krona battery standard size | 9 in |

The difference in the function of the relative spectral sensitivity of the photodetector was corrected by a system of light filters to match the function of the relative spectral luminous efficiency of monochromatic radiation for daytime vision V (λ) in accordance with GOST 8.332. The effective reference plane of the Luxmeter coincides with the front plane of the cosine attachment of the photodetector.



A well-proven light meter, reliable and easy to operate. Affordable price.