

Light Meter

MODEL: DLM 530

Features:


- CE-Mark approval
- Portability and simplicity one-hand operation
- Accurate visible compensation filter f_1 is used
- CIE(λ): $f_1 < 2\%$, $< 3\%$, $< 5\%$, $< 8\%$, $V(\lambda)$ match
- Cosine corrected: $f_2 < 2\%$
- Signal output function (output impedance 500 Ω)
- With MAX/DATA HOLD function
- Valox housing to withstand accidental drops
- Attached carrying case

Applications:

- Indoor
- Office environment
- Labs
- Environment studies

Specifications:

Display: 3½digit liquid crystal display (LCD) with a maximum reading of 1999.

Low battery indication: The "  " is displayed when the battery voltage drops below the operating level.

Operating environment: 0°C to 50°C, <70% R.H..

Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.

Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..

Dimensions: 170mm(H) x 44mm(W) x 40mm(D).

Weight: Approx. 220g including battery (1.5Vx4pcs AAA size).

Lux:

Sensor: Silicon photodiode

Range: 20lux, 200lux, 2000lux, 20000Klux, 200000lux

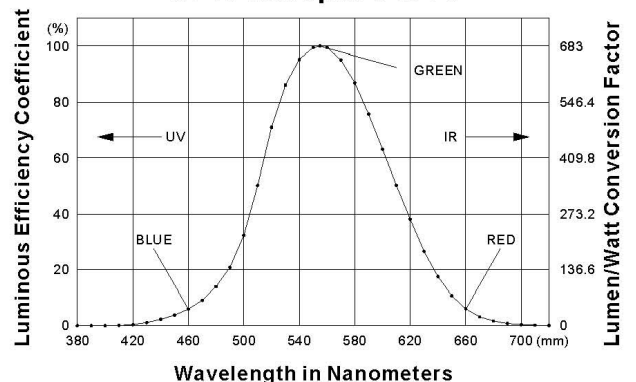
Resolution: 0.01lux

Accuracy:

MODEL	630-2	630-3	630-5	630-8	630
Spectral Response	CIE Photopic	CIE Photopic	CIE Photopic	CIE Photopic	White Light
Spectral Accuracy	$f_1 < 2\%$	$f_1 < 3\%$	$f_1 < 5\%$	$f_1 < 8\%$	NO spec.
Cosine Response	$f_2 < 2\%$	$f_2 < 2\%$	$f_2 < 2\%$	$f_2 < 2\%$	$f_2 < 2\%$
Total Accuracy For All Common Light Source	$\pm(5\%+2)$	$\pm(6\%+2)$	$\pm(8\%+2)$	$\pm(11\%+2)$	NO spec.
Total Accuracy For Source A 2856K Standard Light Source	$\pm(3\%+10)$	$\pm(3\%+10)$	$\pm(3\%+10)$	$\pm(3\%+10)$	$\pm(3\%+10)$



CIE Photopic Curve



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