

# YF-1065 Digital Light Meter

is designed and built according to JISC 1609: 1993 and CNS 5119 general A class specifications.



## DISPLAY

- 3 1/2 digits LCD with maximum reading of 1999
- Overload display: the "1" will appear in the left position.
- Low battery indication: the battery needs to be replaced when "B" appeared.

## FUNCTIONS

- Silicon photodiode and filter for visible light
- Range mark: 320 ~ 730nm/E.
- Peak wavelength: 560nm.
- Testing range: 0~200, 2000, 20000 (indicate x10) LUX.
  - OUTPUT Jack connecting to recorder for long time test
  - Recorder output: DC 20mV f.s.
  - Function Keys: Data hold.
- Lux sensing part: correctively designed in accordance with testing angles and visual sensitivity.
- Safe-sealed photocell for long stability
- Photosensor correctly designed in accordance with testing angles and visual sensitivity

## SPECIFICATIONS

	Ranges	Allowance	Remarks
Measuring range	0~200 Lux	$\pm 4\%$ rdg $\pm 0.5\%$ f.s.	Color temperature calibration by standard incandescent bulb 2856°K
	0~2000 Lux	$\pm 4\%$ rdg $\pm 0.5\%$ f.s.	
	0~20000 Lux	$\pm 7\%$ rdg $\pm 1\%$ f.s.	

- Lux-sensing angles: 30° within  $\pm 2\%$ , 60° within  $\pm 7\%$ , 80° within  $\pm 25\%$ .
- Repeatability :  $\pm 2\%$ .

## ACCESSORIES

- User's manual
- Carrying case
- Sensor cap
- 9V battery x1pc

## POWER SUPPLY

- Battery type: 9V NEDA 1604 IEC 6F22 JIS 006P x 1pc.
- Battery life: About 200 hours.

## POWER SUPPLY

- Operating temperature & humidity: 0°C~40°C, below 85% RH.
- Storage temperature & humidity: -10°C~60°C(10°F~140°F), below 80% RH.

## DIMENSION

Main Unit

- Size: 119 x 64 x 26mm (L x W x H)
- Weight: About 100g (including battery)

Photosensor

- Size: 125 x 66 x 36mm (L x W x H)
- Weight: About 100g
- Photosensor lead length : About 1.5m