GL **PHOTOMETER HSLx 2.0 WP**

Digital illuminance meter with high speed and accuracy of measurements. This device connects directly to PC by USB, so it can be controlled by dedicated application or external software. Spectral response of the photometer precisely matches spectral sensitivity of human eye. This eliminates errors resulting from measurements of different type of light sources that are usual for this type of meters. High class of cosine correction of the measuring probe allows for cancelation of errors induced by different angles of incidence of measured light. The meter is capable of 50 measurement per second in manual mode. This increases the amount of possible applications.

Features:

- Spectral response of class A
- Cosine correction of class B
- Six measurement ranges selected in automatic or manual mode
- Powered and controlled via USB connection
- IP64 enclosure for outdoor use

APPLICATION	
Application	Day light, LEDs, Incandescent bulbs, discharge lamps
MEASUREMENTS	
Measurement range	0.001 lx ... 399.9 klx
Measurement range modes	0.001 lx ... 3.999 lx 4.00 lx ... 39.99 lx 40.0 lx ... 399.9 lx 400 lx ... 3999 lx 4.00 klx ... 39.99 klx 40.0 klx ... 399.9 klx
Resolution	4 significant digits
Uncertainty of spectral response (f1')	Class A < 3 %
Uncertainty of cosine correction (f2')	Class B < 3 %
Sampling frequency	50/1s in manual mode 12/1s in automatic mode
PROPERTIES	
Software	GL Spectrosoft or API for external software developers
Dimensions [H x W x D]	102 mm x 55 mm x 28 mm
Weight	120 g
Connectivity	USB A-B
Power	USB, 5V < 200 mA
Tripod adapter	1/4"
ORDERING INFORMATION	
Case	✓
USB cable	✓
Part number:	No. 201891

Note: Instrument, firmware and software specification are subject to change without prior notice. All information included in GL OPTIC datasheets and product information available in any form are carefully prepared and included information believed to be true. Please note that discrepancies may occur due to text and/or other errors or changes in the available technology. We advise to contact GL Optic before the use of the product to obtain the latest product specification.

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Light quality control