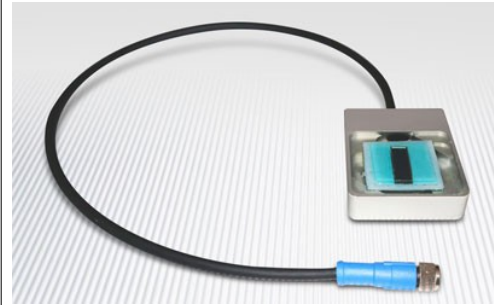


Litemeter Current PAR

NAME	LITEMETER LM1 Current-PAR	
PRODUCT	Analog Solarimeter	
REFERENCE STANDARD	IEC 60904-2; 60904-4; 60904-10	
OUTPUT	Analog	
Calibration	Calibrated for comparison with our silicon reference cell calibrated periodically by Fraunhofer ISE Institute (D) and a multimeter HP34410A with accuracy over 0,2%	
Input Range	Irradiance	0 ÷ 1300 W/m ²
	Spectral Range	0,36 μm ÷ 1,14μm
Output	Irradiance	4 – 30 V dc temperature compensated
Output precision	Irradiance	± 4% (annual average)
Supply	External	8 ÷ 30 V dc
Encapsulant	Transparent UV-resistant resin (according to IEC 60904-2)	
Case	Aluminum with a screw clamp for fixing on the modules or on the mounting profile to their same inclination and orientation.	
Cable	60 cm or 3 m UV and high temperatures resistant.	
Connector⁽²⁾	Version with standard M8 4-pin connector or without connector (2+1 pin)	
Dimensions	48x62x15 mm	



(1): Notes: the temperature value is pre-calibrated during the design phase and verified during production.

(2): Notes: see order code.