















## RADIOMETRIC-PHOTOMETRIC PROBES FOR PORTABLE INSTRUMENTS

COD.	Description	
<b>LP471PHOT</b>	Photometric probe for measuring the <b>ILLUMINANCE</b> , spectral response according to the photopic curve, <b>class B according to CIE N° 69</b> , cosine correction diffuser. Measuring range: 0.10 lux...200·10 <sup>3</sup> lux.	
<b>LP471LUM2</b>	Photometric probe for measuring the <b>LUMINANCE</b> , spectral response according to the photopic curve, angular field 2°. Measuring range: 1.0 cd/m <sup>2</sup> ...2000·10 <sup>3</sup> cd/m <sup>2</sup> .	
<b>LP471PAR</b>	Quantum-radiometric probe for measuring the PHOTONS FLOW in the chlorophyll field <b>PAR</b> (photosynthetically Active Radiation 400nm...700 nm), μmol m <sup>-2</sup> s <sup>-1</sup> measure, cosine correction diffuser. Measuring range 0.10 μmol m <sup>-2</sup> s <sup>-1</sup> ...10·10 <sup>3</sup> μmol m <sup>-2</sup> s <sup>-1</sup>	
<b>LP471RAD</b>	Radiometric probe for measuring the <b>IRRADIANCE</b> in the spectral range 400nm...1050nm, cosine correction diffuser. Measuring range: 1.0·10 <sup>-3</sup> mW/m <sup>2</sup> ...2000 W/m <sup>2</sup> .	
<b>LP471UVA</b>	Radiometric probe for measuring the <b>IRRADIANCE</b> in the <b>UVA</b> spectral range 315nm...400nm, peak at 360nm, quartz diffuser for cosine correction. Measuring range: 1.0·10 <sup>-3</sup> mW/m <sup>2</sup> ... 2000 W/m <sup>2</sup> .	
<b>LP471UVB</b>	Radiometric probe for measuring the <b>IRRADIANCE</b> in the <b>UVB</b> spectral range 280nm...315nm, peak at 305nm ... 310nm, quartz diffuser for cosine correction. Measuring range: 1.0·10 <sup>-3</sup> mW/m <sup>2</sup> ... 2000 W/m <sup>2</sup> .	
<b>LP471UVC</b>	Radiometric probe for measuring the <b>IRRADIANCE</b> in the <b>UVC</b> spectral range 220nm...280nm, peak at 260nm, quartz diffuser for cosine correction. Measuring range: 1.0·10 <sup>-3</sup> W/m <sup>2</sup> ... 2000 W/m <sup>2</sup> .	
<b>LP471BLUE</b>	Radiometric probe for measuring the <b>EFFECTIVE IRRADIANCE</b> in the spectral range of the Blue light 380nm...550nm, diffuser for cosine correction. Measuring range: 1.0·10 <sup>-3</sup> W/m <sup>2</sup> ... 2000 W/m <sup>2</sup> .	

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<b>LP471P-A</b>	<p>Combined probe for measuring <b>ILLUMINANCE</b> (lux), with standard photopic response, and <b>IRRADIANCE</b> (<math>\mu\text{W}/\text{cm}^2</math>) in the UVA spectral range (315...400 nm, with peak at 360 nm). Both the sensors are equipped with diffuser for the correction according to the cosine law.</p> <p>Illuminance measuring range: 0.10 lux ... 200·10<sup>3</sup> lux. Irradiance measuring range: 1.0 mW/m<sup>2</sup> ... 2000 W/m<sup>2</sup>. This probe provides the ratio between UVA irradiance and illuminance in <math>\mu\text{W}/\text{lumen}</math> (quantity of interest in museums).</p>	
<b>LP471A-Uveff</b>	<p>Combined probe for measuring the <b>TOTAL EFFECTIVE IRRADIANCE</b> (<math>\text{W}/\text{m}^2</math>) weighted according to the UV action curve. The probe is made of two sensors for the correct measure of the Total Effective Irradiance in the range 250...400nm. Both these sensors are equipped with a diffuser for the correction according to the cosine law. This probe supplies the Total effective irradiance (E<sub>eff</sub>), the UV-CB effective irradiance and the UVA irradiance.</p> <p>Total effective irradiance measuring range: 0.010 W/m<sup>2</sup> ... 20 W/m<sup>2</sup>. B_C effective irradiance measuring range: 0.010 W/m<sup>2</sup> ... 20 W/m<sup>2</sup> UVA irradiance measuring range: 0.1 W/m<sup>2</sup> ... 2000 W/m<sup>2</sup></p>	
<b>LP471 Silicon-Pyra</b>	<p>Pyranometer with silicon photodiode for measuring the <b>GLOBAL SOLAR IRRADIANCE</b>, diffuser for cosine correction. Spectral range 400...1100 nm. Measuring range: 1.0·10<sup>-3</sup>...2000 W/m<sup>2</sup>. Fixed cable 5m long, terminated with open wires.</p>	
<b>LP471PYRA</b>	<p>The probes LP 471 PYRA... consist of a pyranometer LP PYRA 03, LP PYRA 02 or LP PYRA 10 and a SICRAM module equipped with a 5 or 10m cable for the connection to the instruments D09847, HD2102.1, HD2102.2, HD2302.0 and get a reading expressed directly in W/m<sup>2</sup>. LP PYRA 03 is a second class pyranometer; LP PYRA 02 is a first class pyranometer; LP PYRA 10 is a "Secondary Standard" pyranometer.</p>	
<b>LP BL</b>	<p>Supporting and leveling base for the LP471... probes. NOT suitable for LP 471 LUM2 and LP 471 PYRA.</p>	
<b>LP BL3</b>	<p>Adjustable wall support for the LP471... probes. NOT suitable for LP 471 LUM2 and LP 471 PYRA.</p>	

Light