

LP PYRA 03AC: Second class pyranometer according to ISO 9060. Complete with spirit level, 4-pole flying connector and Report of Calibration. Typical sensitivity $10\mu\text{V}/(\text{W}/\text{m}^2)$. **Con-**nection cable has to ordered separately. Current output 4...20mA. 4mA = $0\text{W}/\text{m}^2$, 20mA = $2000\text{W}/\text{m}^2$. Power supply: 10...30Vdc.



型號	LP PYRA 03	LP PYRA 03 AC	LP PYRA 03 AV
電源	無	10...30Vdc	10...30Vdc, 15...30Vdc 輸出 0..10 Vdc
輸出信號	無	4...20mA 4mA=0 W/m ² 20mA=2000W/m ²	0..1Vdc,0..5Vdc, 0..10Vdc 0Vdc=0 W/ m ² 1-5-10Vdc=2000W/ m ²
靈敏度	$10\mu\text{V}/(\text{W}/\text{m}^2)$	$10\mu\text{V}/(\text{W}/\text{m}^2)$	$10\mu\text{V}/(\text{W}/\text{m}^2)$
阻抗	33...45Ω	33...45Ω	33...45Ω
測量範圍	0...200W/ m ²	0...200W/ m ²	0...200W/ m ²
視場	2Πsr	2Πsr	2Πsr
光譜範圍	305nm..2800nm(50%)	305nm..2800nm(50%)	305nm..2800nm(50%)
操作溫度	-40...+80°C	-40...+80°C	-40...+80°C
響應時間 (95%)	<30 sec	<30 sec	<30 sec
a) 熱輻射響應 (200Wm ⁻²)	25 W/m ²	25 W/m ²	25 W/m ²
b) 溫度變化的響應 5K/h	< ±6 W/m ²	< ±6 W/m ²	< ±6 W/m ²
3a) 1年後非穩定性	< ±2.5 %	< ±2.5 %	< ±2.5 %
3b) 非線性	< ±2 %	< ±2 %	< ±2 %
3c) 餘弦響應	< ±22 W/m ²	< ±22 W/m ²	< ±22 W/m ²
3d) 光譜選擇	< ±7 %	< ±7 %	< ±7 %
3e) 溫度響應	<8%	<8%	<8%
3f) Tilt-響應	< ±4 %	< ±4 %	< ±4 %
連接線	CP AA1.5(5m)/CP AA1.10(10m)		