

PMA 2107 NON-WEIGHTED UVA UVB SENSOR

SENSORS
INDUSTRIAL LIGHT
MEASUREMENT
LABORATORY LIGHT
MEASUREMENT

Delivery on all products is Stock to 2 weeks.

Every product is calibrated to NIST traceable standards before shipment.



The PMA2107 non-weighted UVA UVB sensor gives an accurate measurement of non-weighted UVB+UVA ultraviolet radiation from sunlight or artificial light sources.

The detector has angular response very close to an ideal cosine function (Lambertian response) making it suitable for measurements of diffuse radiation or radiation generated by extended sources.

Uses

The measured irradiance can be displayed in mW/cm2 as well as a W/m2. High dynamic range allows measurements of very weak signals down to 0.001 mW/cm2 as well as very strong irradiances over 200mW/cm2.

Alternate Views



TECHNICAL DETAILS

VIDEO

OPTIONS

ACCESSORIES

WARRANTY

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Applications

Laboratory and industrial radiometry
Phototherapy

Environmental monitoring
Material testing

UVB + UVA transmission measurements
Agriculture

Features

High sensitivity
Dynamic range
2*105

Excellent long term stability
Cosine corrected

NIST traceable calibration

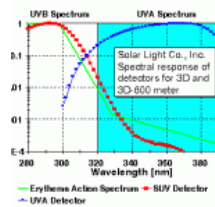
Specifications

Angular response
Range 200 [mW/cm2], 2,000 [W/m2]
Display resolution
0.001 [mW/cm2], 0.01 [W/m2]

Operating environment
32 to 120 °F (0 to +50 °C) no precipitation
Temperature coefficient
1% /°C for solar radiation h2>Cable
5ft (1.5m)

Diameter
1.6" (40.6 mm)
Height
1.8" (45.8 mm)
Weight
7.1 oz. (200 grams)

Spectral Response



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