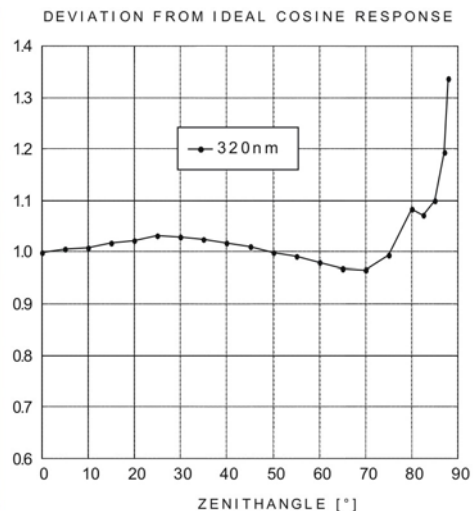


Precision is
our business

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UV- J1002-REG



APPLICATION

The input optic provides a considerably improved measurement accuracy when compared to traditional optics. The diffuser has a weatherproof housing with an internal temperature regulation and is designed for use with a quartz fibre. The cosine error is less than 3 % for incidence angles between 0° and 70° and therefore the integral cosine error for isotropic radiation (DIN 5032) is less than 2.5 %.

The fibre is especially adjusted with a flange to ensure that the optical axis is the same as its mechanical axis.

The detector proved its reliability perfectly under different climate conditions such as near the sea (Thessaloniki, GR) or on high mountains (Jungfrauoch, CH 3571 m / 11782 ft).

SPECIFICATION

Specified Wavelength	UV to VIS
Spirit level	yes
Drying agent	yes
Heating	signals to display on voltmeter. Set point and actual temperatures in °C
Integral cosine error	< 2.5 % (DIN 5032)
Temperature regulation	

Physical data

Weight	0.5 kg
Size	58 mm (diameter) x 85 mm (length)
Material	anodised aluminium