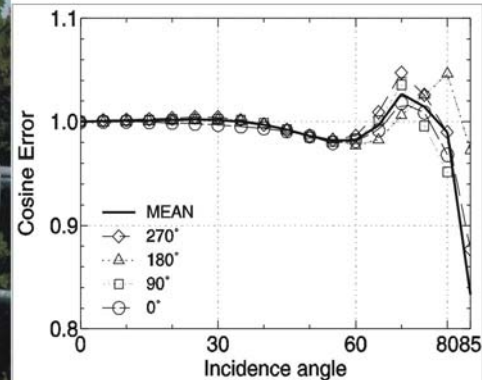


# UV- J1015

Precision is  
our business



## APPLICATION

The global input optic is designed for the Brewer spectro - photometer and is directly mounted to its UV port. The cosine error is less than 6 % for incidence angles between 0° and 80°. The systematic uncertainties of global solar irradiance measurements with this new entrance optic are considerably reduced compared with measurements with the traditional flat diffuser.

A detailed scientific description of the design is published in 'Applied Optics/Vol.42, No.18 / 20 June 2003, Julian Gröbner. Improved entrance optic for global irradiance measurements with a Brewer spectrophotometer'.

## SPECIFICATION

Specified Wavelength	UV
Cosine error	< 6% between 0° and 80°

## Physical data

Weight	0.14 kg
Size	50 mm x 45 mm x 100 mm
Diffuser	shaped Teflon
Flange	anodised aluminium

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