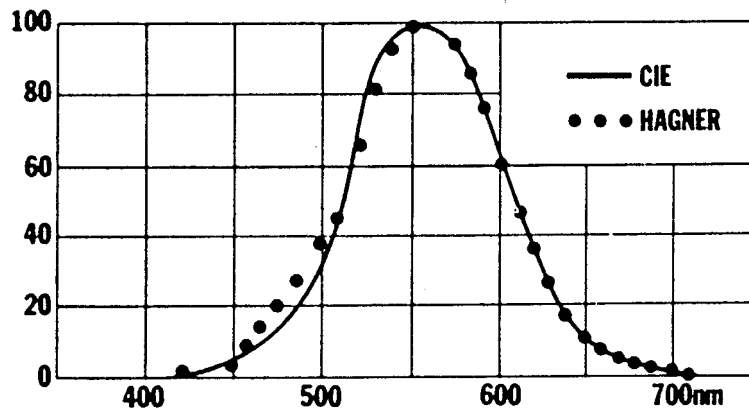




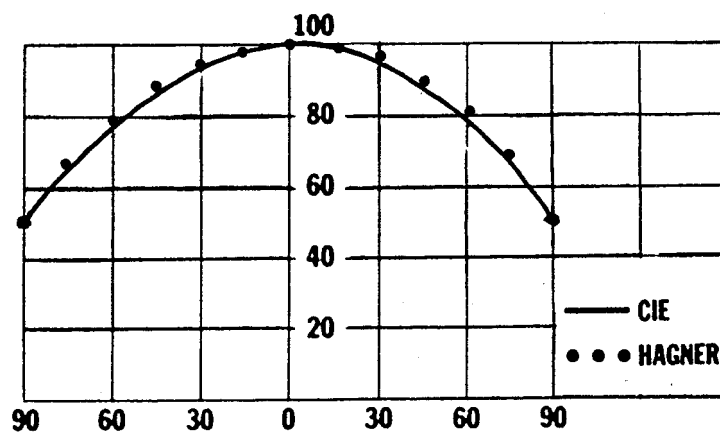
For measurement of illuminance with hemispherical angular response, as defined by C.I.E.

## The Hagner Special Detector SD-10

The Hagner SD-10 is a special detector designed to an angular response close to  $\frac{1}{2}(1 + \cos \varphi)$  and a spectral response close to the  $V_\lambda$ -function as defined by CIE. The detector is marked with an absolute sensitivity for one hemispheric lux, and can therefore be used together with any Hagner instrument model S2, S3, E2-X or E4-X. The individually measured angular response is supplied with each detector (see figure below).



The Spectral sensitivity of the Hagner SD10 Special Detector closely relates to the visibility curve of the CIE standard observer.



Angular response close to CIE  $\frac{1}{2}(1 + \cos \varphi)$

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