

## Typical Operating Characteristics

### Optical Characteristics

All optical characteristics are optimized for diffused light. When using a point light source or collimated light on the sensor, the sensor opening must be covered by a lambertian diffuser with achromatic characteristics. Diffuser of Tsujiden like D121UP have been successfully tested at **ams**. If in the application diffused light, e.g. used by a reflective surface, no additional diffuser is required.

Figure 13:  
AS7265x LGA Average Field of View

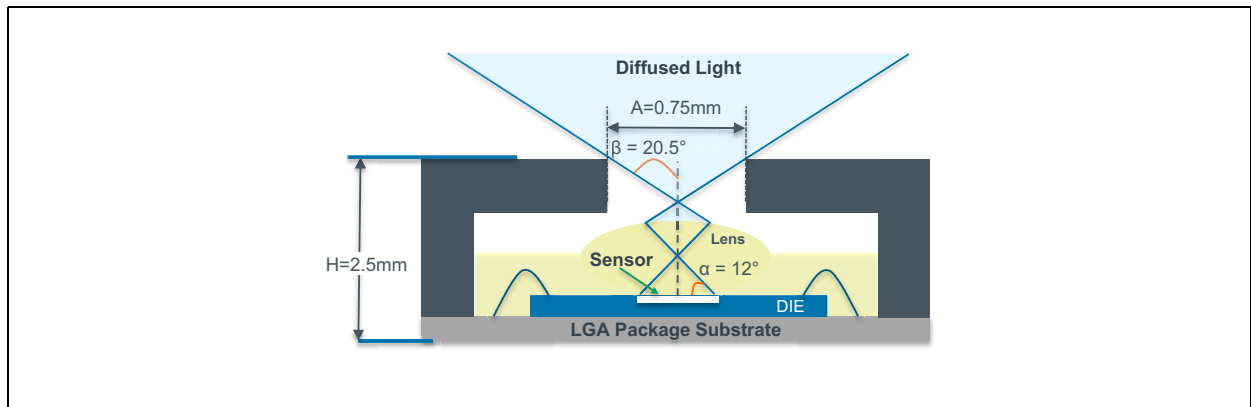


Figure 14:  
AS7265x 18-Channel Spectral Responsivity

