



### 1. Inline color measurement of paper web

The color of a paper web should be measured inline. For this purpose, a color sensor **SPECTRO-3-FIO-MSM-ANA-VIS** in connection with an optical front end type **KL-D-0°/45°-85-1200-D-A3.0-VIS** is used. It has to be taken into account, that the ambient temperature as well as the humidity is very high at the place where the paper web should be color measured. At this, the distance from the optical front end to the paper surface is approximately 85mm and the spot size at this distance is elliptical and around 25mm x 35mm. The paper web can be proper measured as shown in the screen shots.

