



### 1. Glue line detection on packaging paper

A glue line should be detected on packaging paper. At this, the glue is fluorescent if UV light is used. For this purpose a color sensor type **SPECTRO-3-FIO-UV** in connection with an optical fiber type **R-S-A3.0-(3.0)-1200-Y-22°/67°-UV** and an external lightning source type **ELS-UV-1P** are used. The distance of the optical fiber to the glue line is approximately 5mm and the spot size at this distance is around 4mm in diameter. The angle of the optical fiber to the vertical axis is about 30°. The glue line can be proper detected as shown in the screen shots.

