



### 1. Detection of a fluorescent coating on rubber seal

The fluorescent coating on rubber seal should be detected. For this purpose a color sensor type **SPECTRO-1-FIO-UV** in connection with an external lightning unit type **ELS-UV** and an optical fiber **R-S-A2.0-2.5-1200-67°** are used. The distance of the optical fiber frontend to the rubber seal surface is approximately 5mm and the spot size at this distance 4mm in diameter. As shown in the screenshots, the fluorescent coating can be proper detected.

