



### 1. Differentiation between water moistened and dry floor tiles

After the moisturization the floor tiles should be checked, whether the amount of moisture is in the right range or out of range (too much or too little moisture content). The tiles looks brighter if the degree of moisture is too small and the tiles looks darker as normal if too much water is on the tiles. In the normal case the tiles looks gray in color. At this a color sensor type **SPECTRO-3-50-FCL** is used. The sensor is arranged under an angle of around 30° to the vertical axis and the distance to the tiles is approximately 200mm. As shown in the screen shots a proper differentiation between too wet, right content of moisture and too dry, is possible.

