



1. Haze control of semi transparent plastic plates

Semitransparent plastic plates should be controlled with a view to the opacity. For this purpose a color sensor type **SPECTRO-3-SLU-SA-JR** in connection with the side light unit type **SI-SLU-DIF-16** is used.

The distance of the color sensor (receiver) to the plastic plate is approximately 30mm and the distance from the transmitter (side light unit), which is mounted at the opposite side, to the plastic plate is 30mm as well. The detecting range of the color sensor at this distance is around 10mm. The different opacity of the plastic plates can be properly measured as shown in the screen shots.

