



1. Color differentiation of solar photo cells

The blue color of solar photo cells can differ due to the production process from factory to factory and even from line to line in the same factory. Companies which are using this photo cells for the assembling process have already figured out, that the efficiency of the solar panels will not be influenced by the color of the solar photo cells

in a high degree. However, due to the fact, that the solar panels will be mounted onto the roof of private houses, customers want to get solar panels with a homogenous color, which means, that only photo cells with the same color should be integrated onto a solar panel. The blue color of the photo cells can be controlled with the color sensor **SPECTRO-3-30-DIL-CL** at a distance of approximately 30 mm and as the screen shots shows, the

sensor delivers proper results.

