Item No.: SO4204-4P

Course - Installation engineering 3: LED lighting and colour detection

Includes

- LED lighting experiment card with the following features:
- 4 different types of LED, including white and multi-coloured
- 1 Universal brightness sensor
- 3 LEDs, RGB, adjustable via potentiometers
- 1 Programmable high-power LED, RGB LED
- 1 Scanner for detecting colours
- Plexiglass cover with reflective surfaces
- Colour chart
- CD-ROM with Labsoft browser and course software

Training contents

- Familiarisation with different types of LED
- Brightness control for various LEDs using pulse width modulation (PWM)
- Recording of characteristics and measurement of brightness
- Additive mixing of colours and setting of colour temperature
- Colour detection and reproduction
- Course duration: 10 hrs approx.