

SSL C-400



COLORIMETER WITH FLICKER for White LED sources

- ✓ 3-channel tristimulus colorimeter
- ✓ Measurement quantities: Illuminance E_v (lx), Correlated Color temperature CCT (K), color coordinates CIE1931 xy , CIE1976 $u'v'$, Flicker Index, Percent flicker, Flicker frequency
- ✓ 4 measuring ranges in decades
- ✓ Self-color correction algorithm for xy , CCT and E_v based on initial integrated XYZ values
- ✓ Measurement range: 3 - 100 000 lx
- ✓ Accuracy: $E_v \pm 4\%$, CCT $\pm 100K$
- ✓ Repeatability: $E_v < 0.3\%$, CCT $< 20K$
- ✓ USB powered (drivers installed automatically in Win 8 and newer versions)
- ✓ Measuring head CH-400, Spectral match $< 6\%$ to CIE 1931 color matching functions x, y, z for each channel
- ✓ Standalone Executable testing software (.exe) and LabVIEW drivers for using C-400 in customer's own testing systems