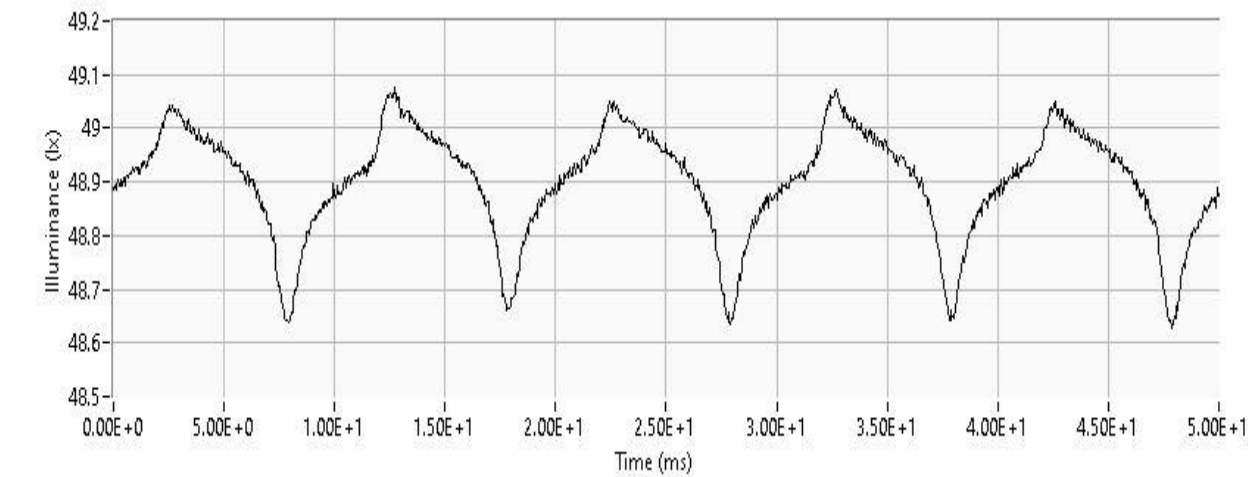


# Flicker Test Report

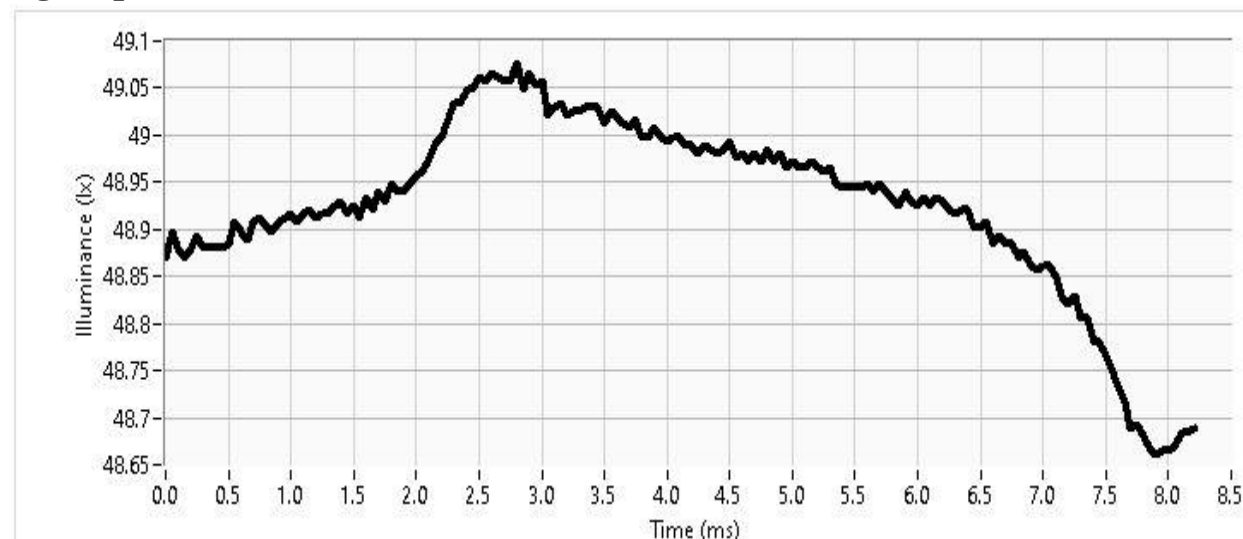
FLICKER CLASSIFICATION (IEEE 1789-2015): No observable effect level NOEL  
SVM (IEC TR 63158): PASS (Test value: 0.011 +- 0.000, Acceptance limit < 0.9)  
Pst LM (IEC TR 61547-1): PASS (Test value: 0.163 +- 0.003, Acceptance Limit < 1.0)  
*Tolerances are evaluated by 2 x standard deviations (k=2, 95% confidence level).*



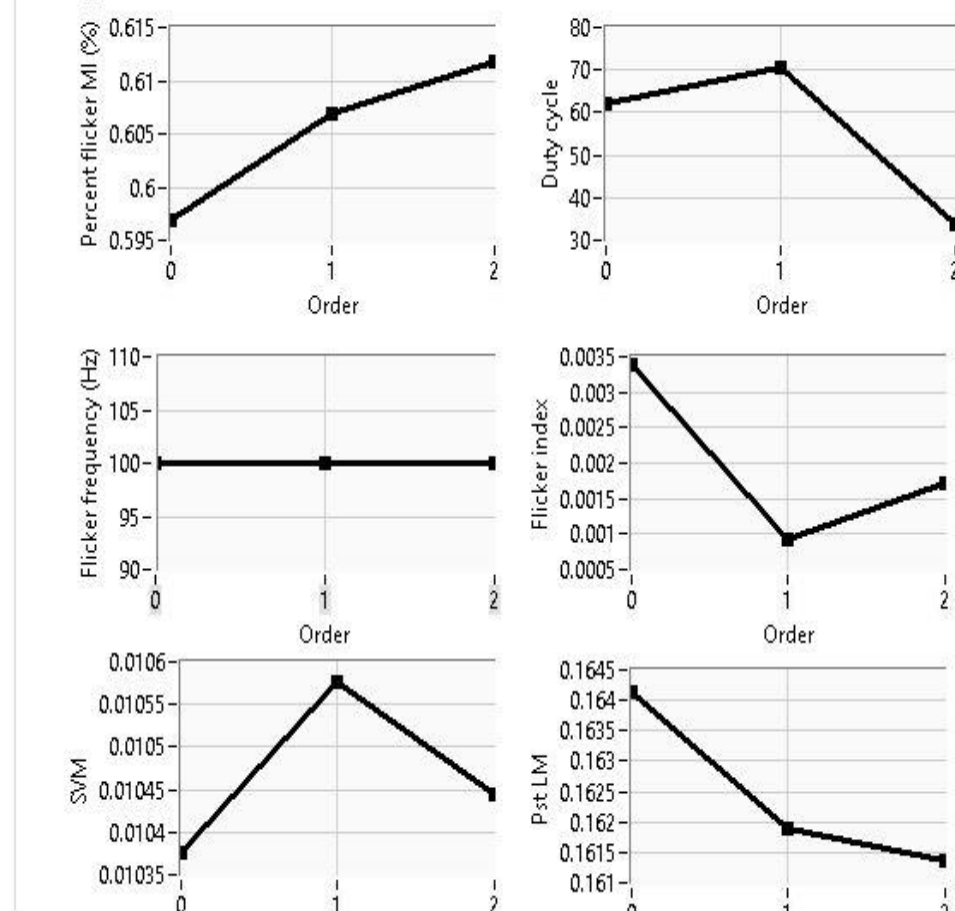
**Table. Flicker analysis summary. The values have been calculated as an average of consecutive repetition measurements.**

	Value	St.dev.
Average signal	48.97	0.11
Mean signal	48.89	0.04
Max signal	49.18	0.03
Min signal	48.59	0.04
Percent flicker (%)	0.61	0.01
Flicker index	0.0020	0.0013
Flicker frequency (Hz)	100.0	0.0
Pulse width (ms)	5.55	1.9
SVM	0.0105	0.0001
Pst LM	0.1625	0.0015

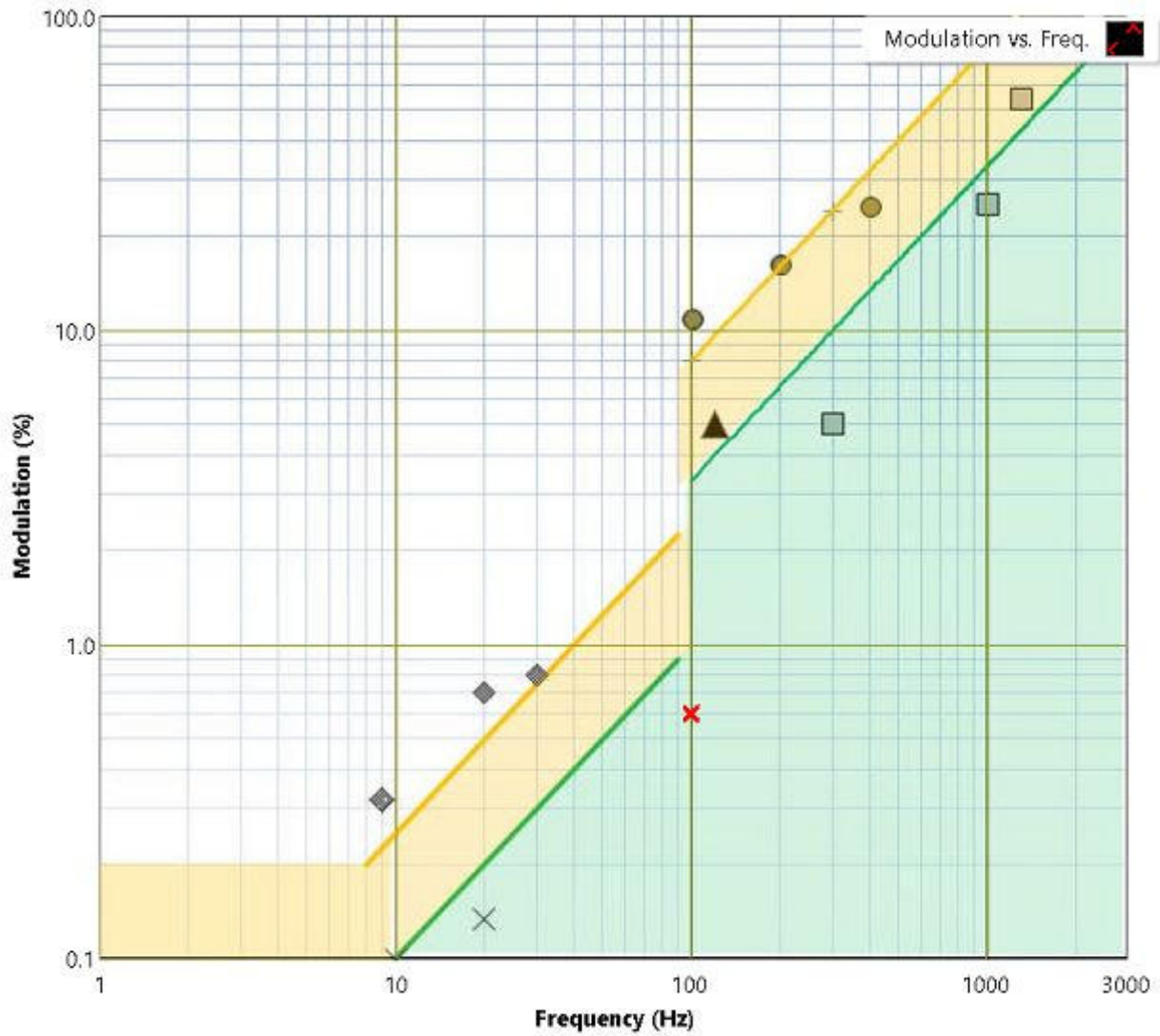
**Figure. Illuminance as a function of time in one period. The graph is calculated for the latest signal period.**



**Figures below show the data as a function of consecutive measurement repeats.**



**Figure. Modulation index (%) vs. Flicker Frequency according to IEEE 1789.**



**Figure. Pst\_LM long signal shape.**

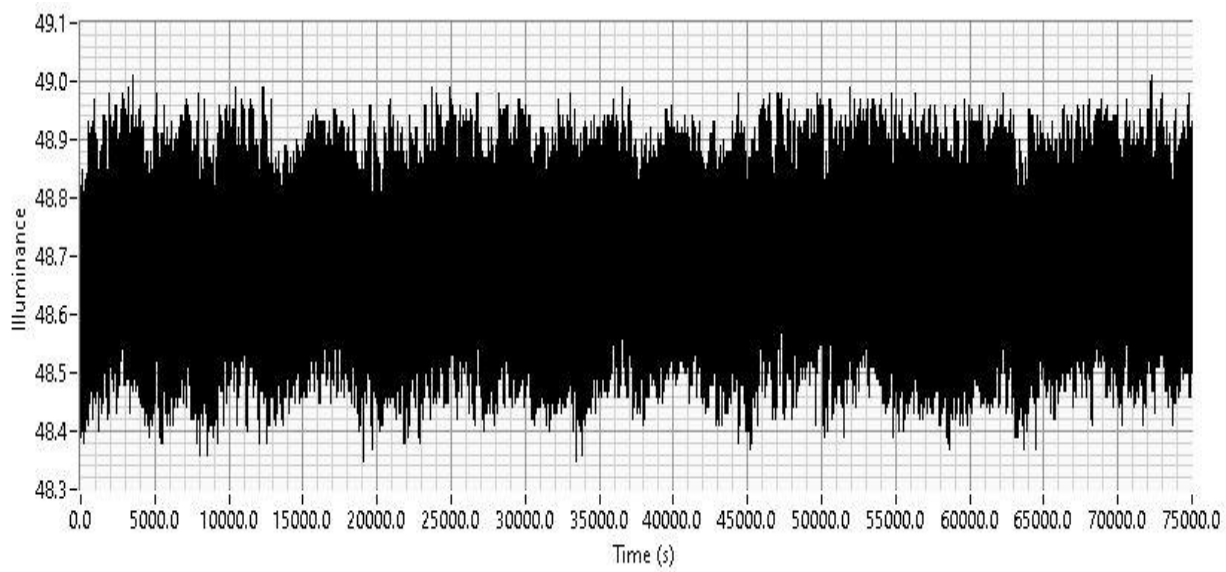


Figure. Fast-Fourier transform for frequency analysis (SVM).

