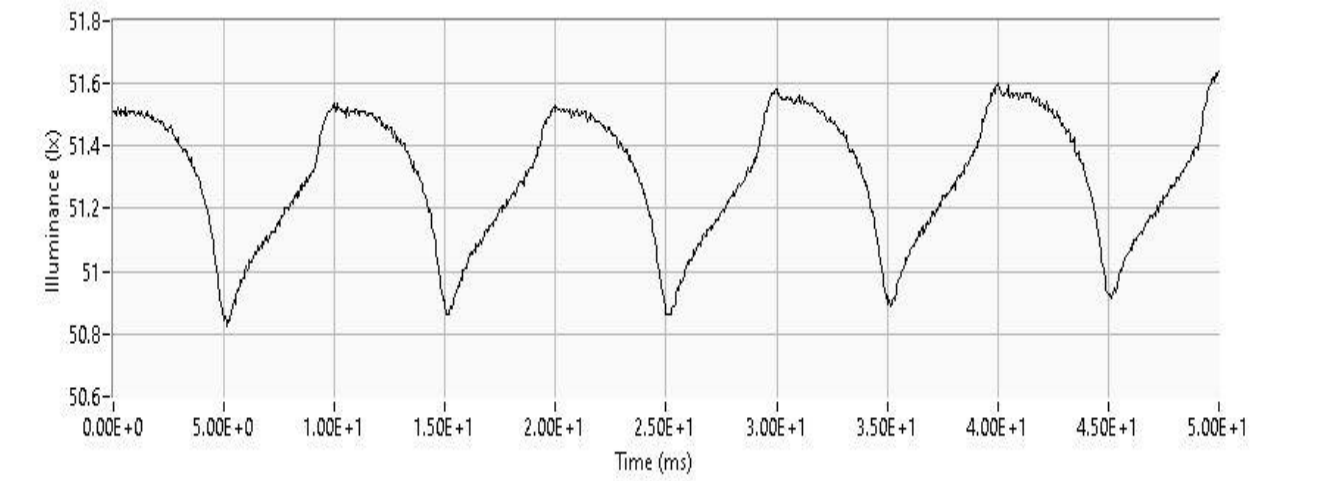


# Flicker Test Report

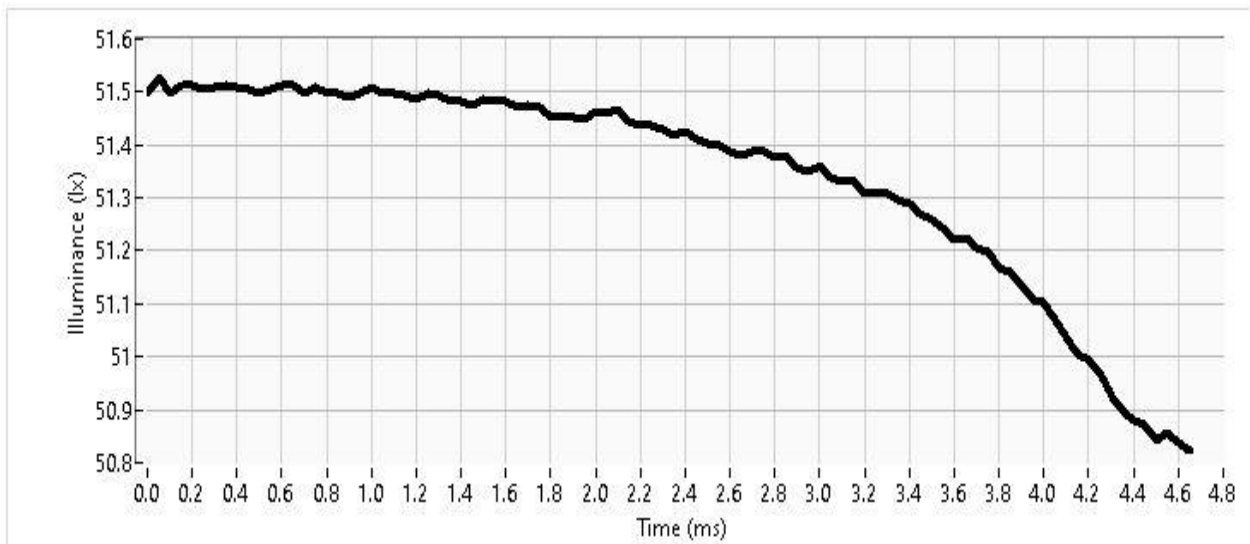
FLICKER CLASSIFICATION (IEEE 1789-2015): Low-Risk Level  
SVM (IEC TR 63158): PASS (Test value: 0.014 +- 0.018, Acceptance limit < 0.9)  
Pst LM (IEC TR 61547-1): PASS (Test value: 0.175 +- 0.015, Acceptance Limit < 1.0)  
*Tolerances are evaluated by 2 x standard deviations (k=2, 95% confidence level).*



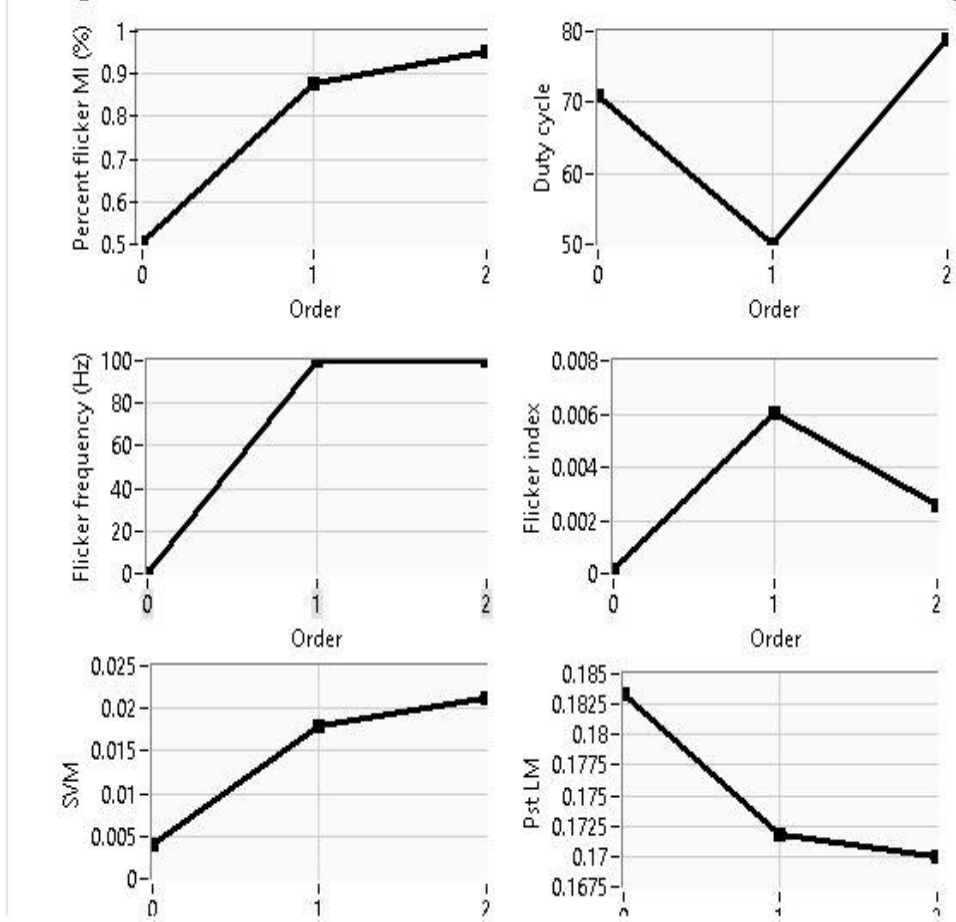
**Table. Flicker analysis summary. The values have been calculated as an average of consecutive repetition measurements.**

	Value	St.dev.
Average signal	51.44	0.19
Mean signal	51.32	0.04
Max signal	51.72	0.10
Min signal	50.92	0.15
Percent flicker (%)	0.78	0.24
Flicker index	0.0029	0.0030
Flicker frequency (Hz)	66.7	57.7
Pulse width (ms)	Inf	NaN
SVM	0.0144	0.0092
Pst LM	0.1750	0.0073

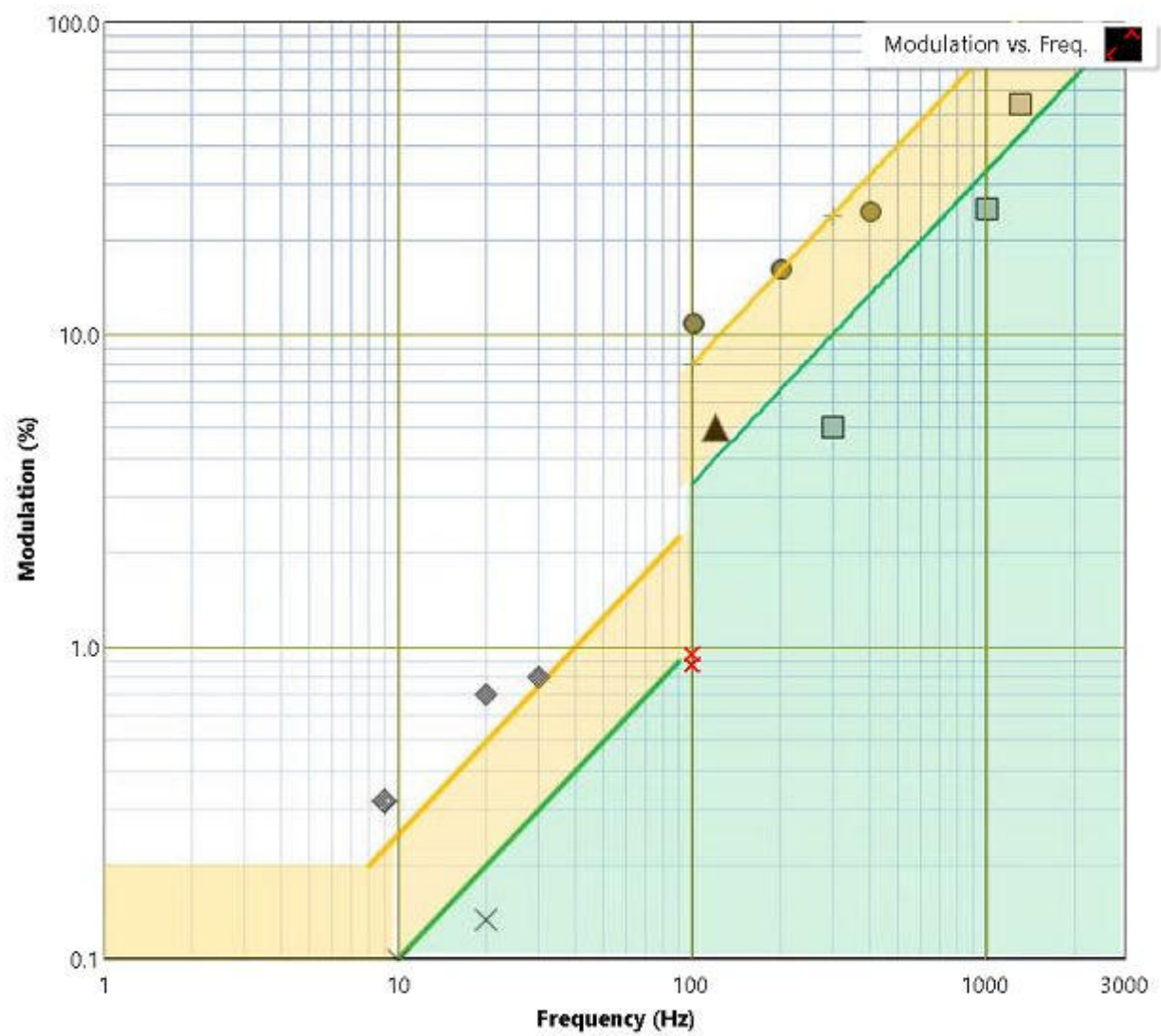
**Figure. Illuminance as a function of time in one period. The graph is calculated for the latest signal period.**



**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.**

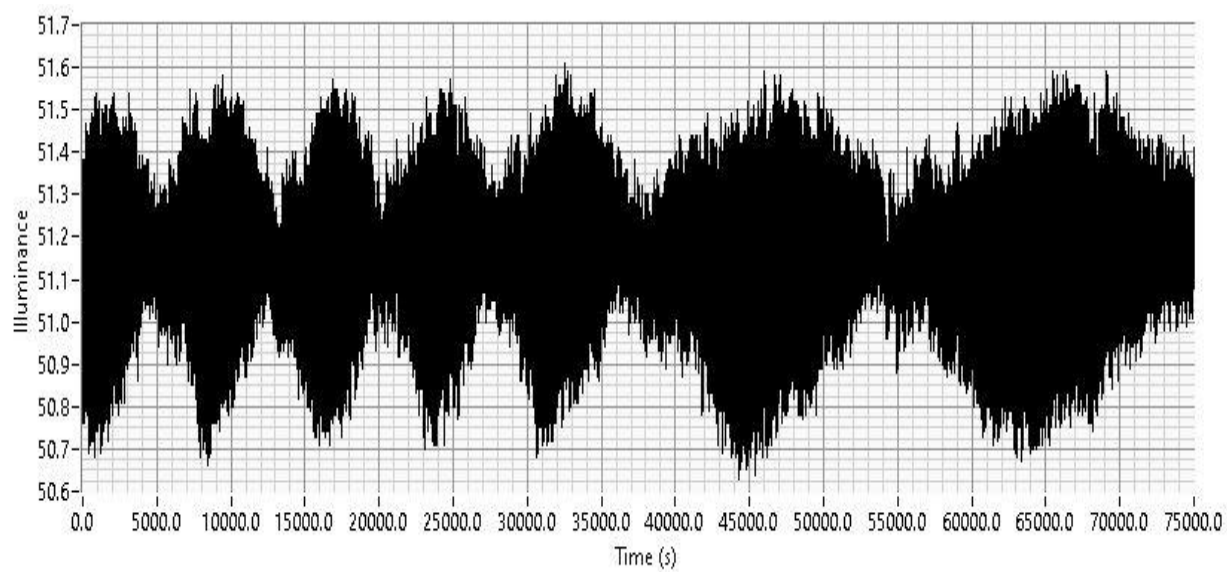


Figure. Fast-Fourier transform for frequency analysis (SVM).

Harmonic order	Frequency (Hz)	Magnitude (%)
0	0	94.8
1	100	0.3

