7.6.2021 8.18 Test report: TR 18_Flicker Luminaire: Mod-D85_10mm dif

Flicker Test Report



FLICKER CLASSIFICATION (IEEE 1789-2015): No observable effect level NOEL Short-Term Perceptibility of Light Modulation Pst LM (IEC TR 61547-1): PASS (Limit: 1.0) Stroboscopic Visual Measure SVM (IEC TR 63158): PASS (Limit: 0.4)

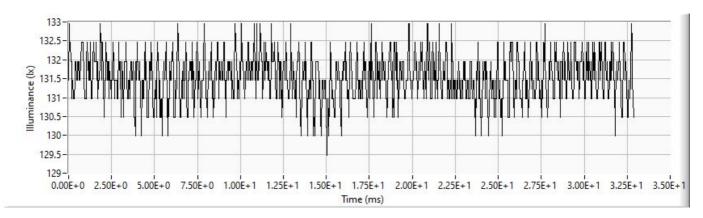
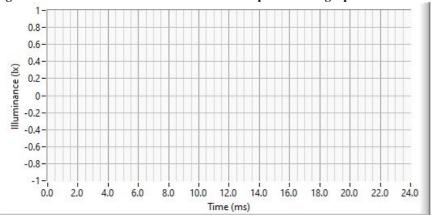


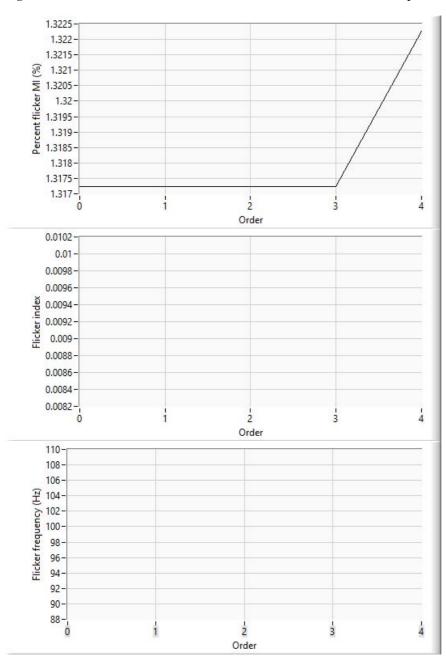
Table. Flicker analysis summary. The values have been calculated as an average of consecutive repetition measurements.

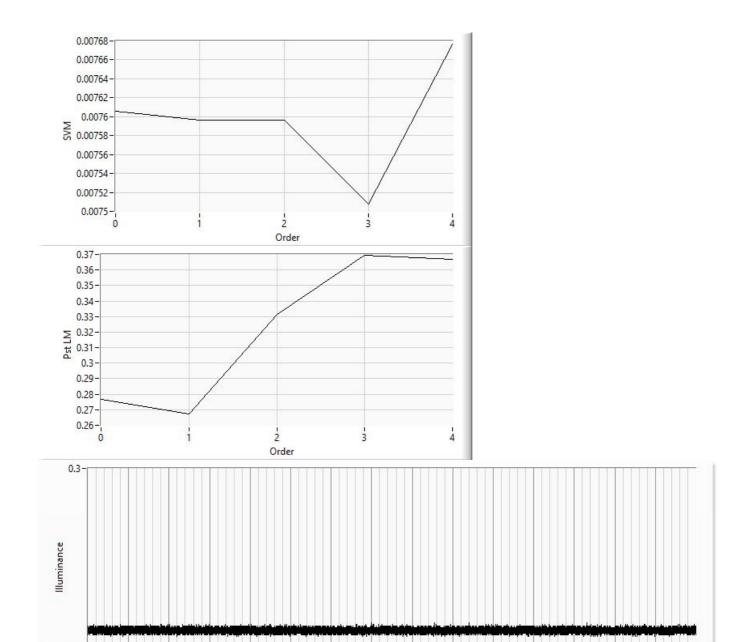
	Value	St.dev.
Average Ev (lx)	NaN	NaN
Mean Ev (lx)	131.61	0.22
Max Ev (lx)	133.35	0.22
Min Ev (lx)	129.88	0.22
Percent flicker (%)	1.32	0.00
Flicker index	NaN	NaN
Flicker frequency (Hz)	Inf	NaN
SVM	0.0076	0.0001
Pst LM	0.3223	0.0485

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.





5000.0 10000.0 15000.0 20000.0 25000.0 30000.0 35000.0 40000.0 45000.0 50000.0 55000.0 60000.0 65000.0 70000.0 75000.0

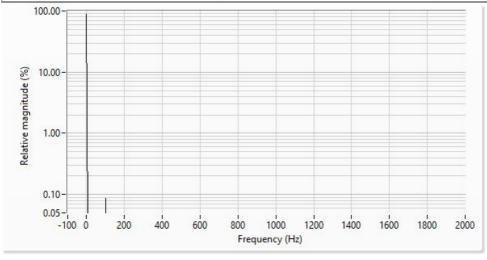
Time (s)

0.2-

0.0

Figures below show the results of the Fast-Fourier transform for frequency analysis (SVM).

Harmonic order	Frequency (Hz)	Magnitude (%)
0		88.5



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