

Flicker Test Report

Test condition

Photometric Type Luminous Flux(lm) Test range: Range2

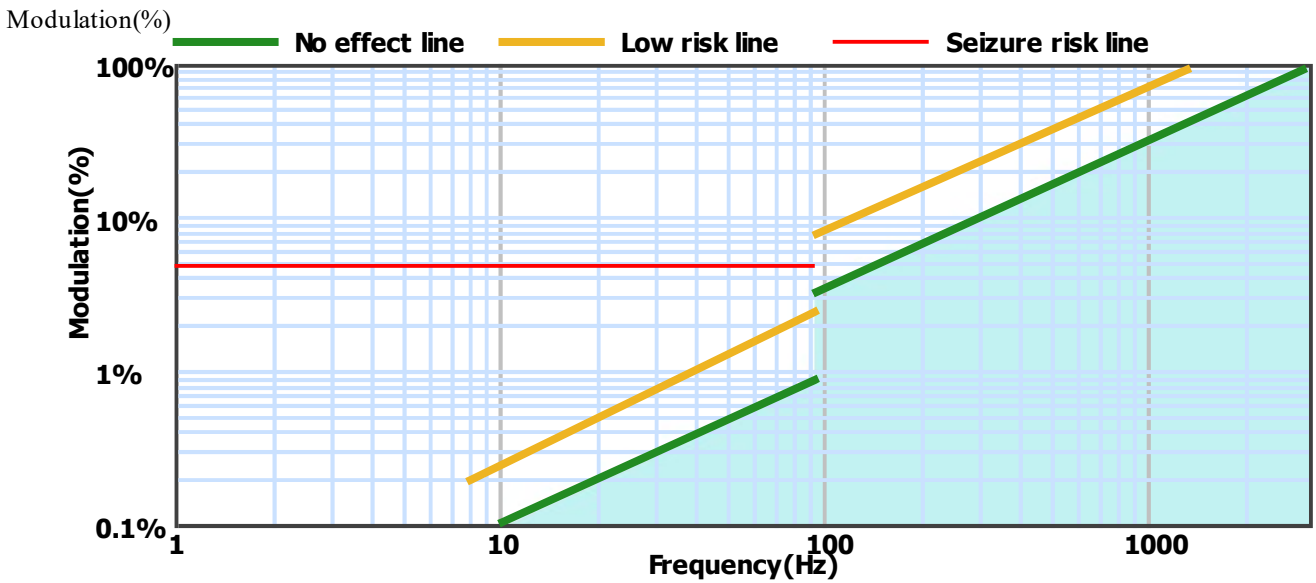
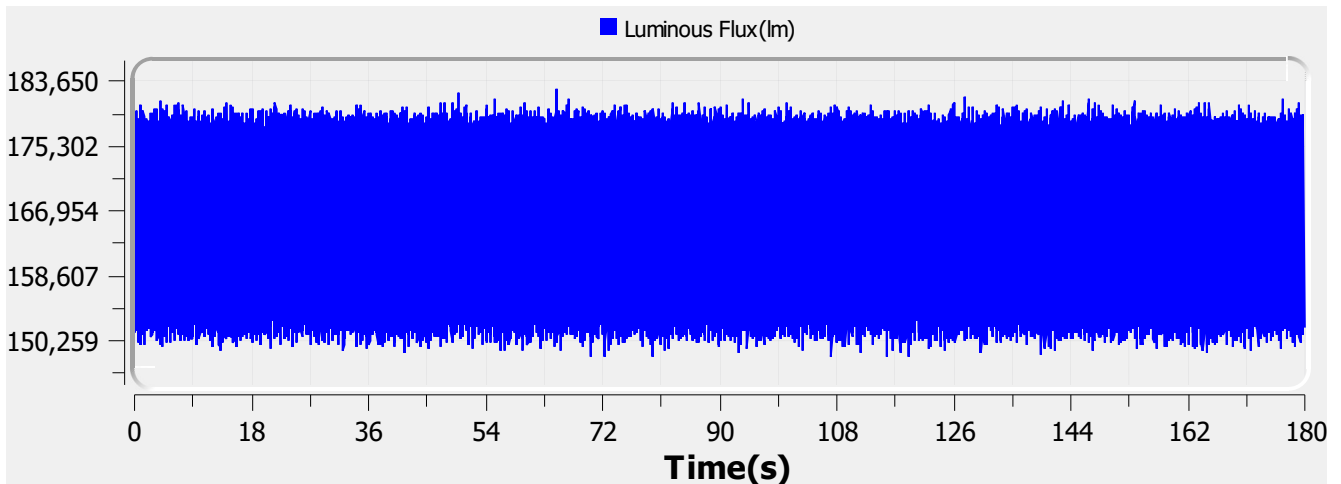
Sampling Mode: Software

Samplerate: 20 kS/s

Sampling Time: 180.00 s

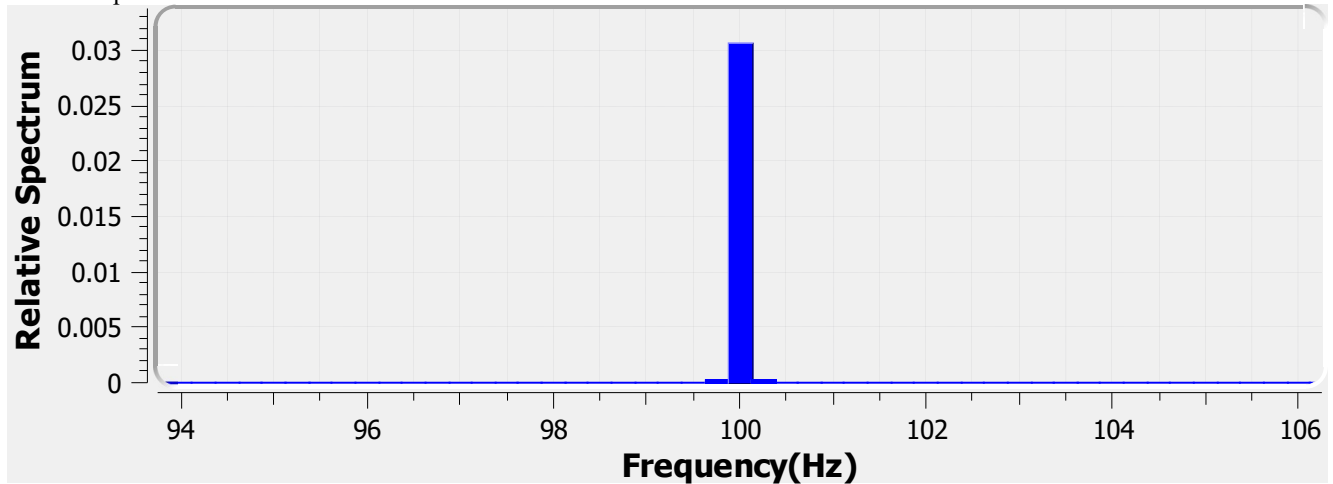
Test Wave

Local Waveform(0.000-180.000s)



Name:	Eagle Lighting Australia	Type:	EL-OMN6-2100-000
SN:	ELA-10675-F	Manufacturer:	Eagle Lighting Australia
Tester:	Frank Magdic	Sample time:	2021-6-7 13:53:08
Lamp base orientation:	Horizontal	Description:	OMNIPOD ET 21W 2R 3100LM 940 600x600
Remark:		Standard:	IESNA 2000,CIE TN 006,etc

Relative Spectrum Waveform



Test Result

Avg(lm):	165.355 k	Max(lm):	182.874 k	Min(lm):	148.091 k
BASIC					
Frequency:	100.000 Hz				
IEC-Pst [10KS/s]					
Pst:	0.009	Result:	very acceptable		
CA CEC					
PAM:	10.510%	PAM(40Hz):	0.146%	PAM(90Hz):	0.246%
PAM(200Hz):	2.123%	PAM(400Hz):	2.437%	PAM(1000Hz):	3.068%
ASSIST					
Flicker Index:	0.011	Percent Flicker:	6.904%	d:	79.171%
a:	0.585	MP:	0.1	fb:	54.718Hz
DP:	1%	Acceptability:	somewhat acceptable		
IEEE Std 1789					
NMI:	0.253	NM2:	0.607	Module Depth:	6.904%
Risk level:	No effect				
CIE SVM					
SVM:	0.069	Visibility:	Not Visible		

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Test condition

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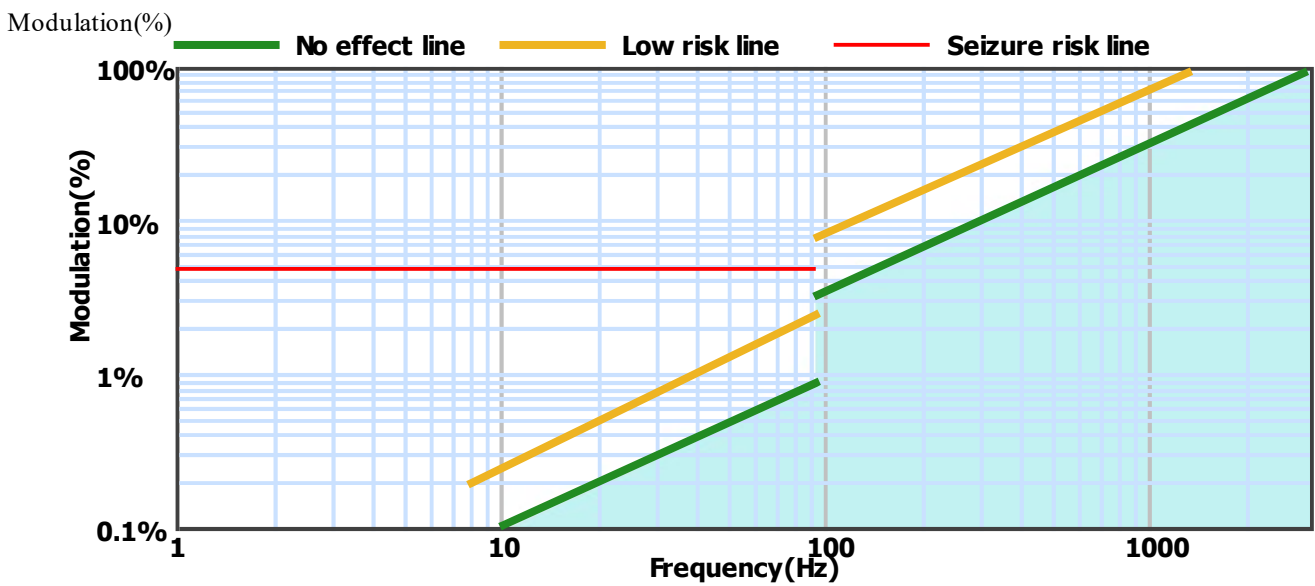
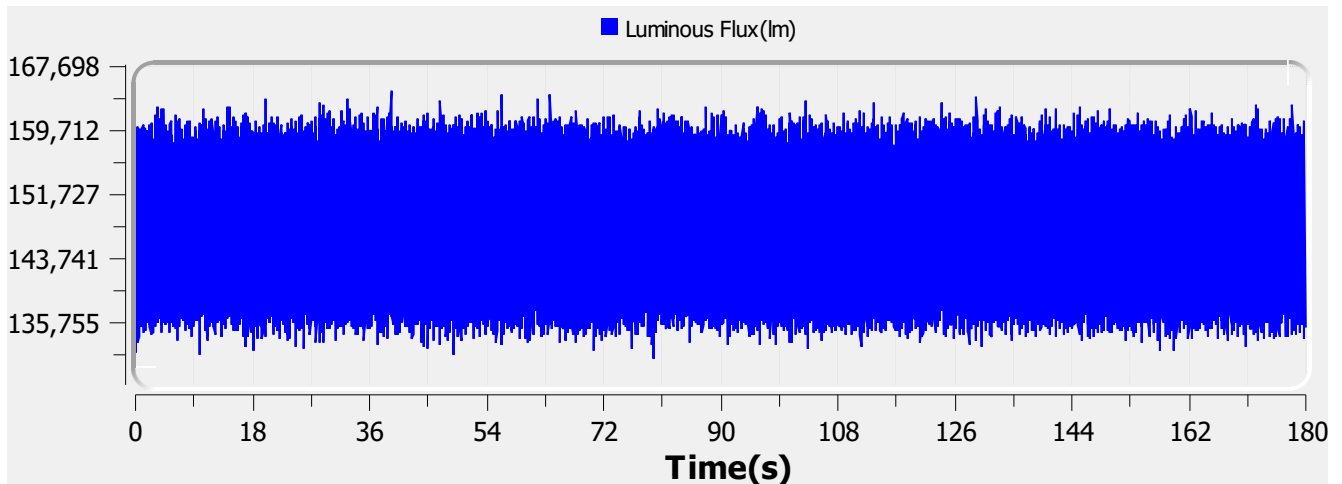
Sampling Mode: Software

Samplerate: 20 kS/s

Sampling Time: 180.00 s

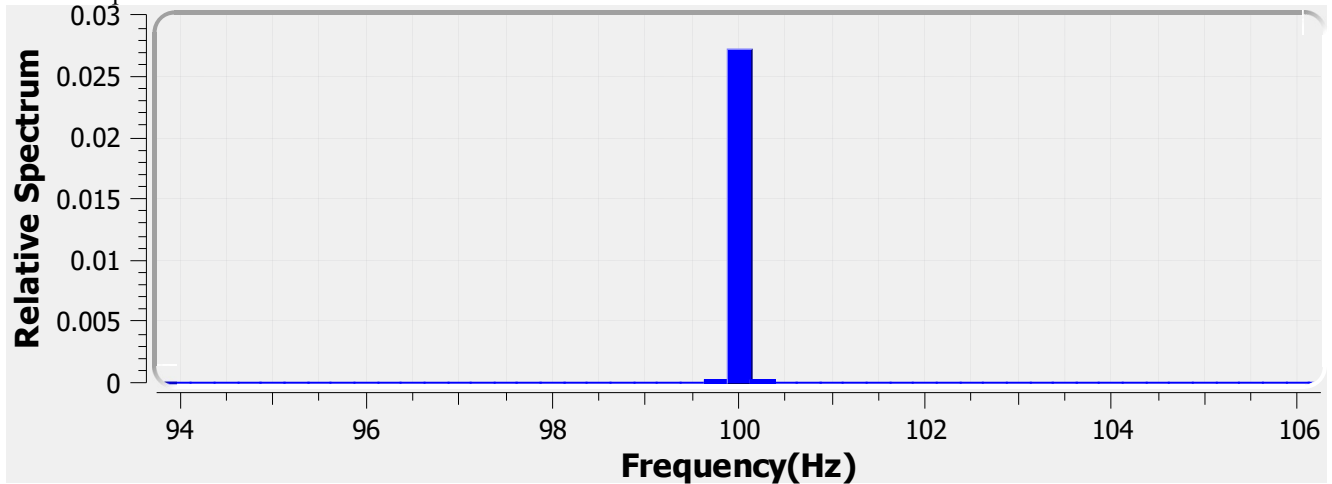
Test Wave

Local Waveform(0.000-180.000s)



Name:	Eagle Lighting Australia	Type:	EL-OMN6-2100-244
SN:	ELA-10684-F	Manufacturer:	Eagle Lighting Australia
Tester:	Frank Magdic	Sample time:	2021-6-10 07:53:42
Lamp base orientation:	Horizontal	Description:	OMNIPOD ET 19W 2R 2750LM 940 600x600 DALI CLO
Remark:		Standard:	IESNA 2000,CIE TN 006,etc

Relative Spectrum Waveform



Test Result

Avg(lm): 147.955 k **Max(lm):** 164.608 k **Min(lm):** 131.335 k

BASIC

Frequency: 100.000 Hz

IEC-Pst [10KS/s]

Pst: 0.009 **Result:** very acceptable

CA CEC

PAM: 11.244% **PAM(40Hz):** 0.141% **PAM(90Hz):** 0.235%

PAM(200Hz): 1.972% **PAM(400Hz):** 2.268% **PAM(1000Hz):** 3.323%

ASSIST

Flicker Index: 0.010 **Percent Flicker:** 6.632% **d:** 79.976%

a: 0.514 **MP:** 0.1 **fb:** 59.083Hz

DP: 1% **Acceptability:** somewhat acceptable

IEEE Std 1789

NMI: 0.250 **NM2:** 0.599 **Module Depth:** 6.632%

Risk level: No effect

CIE SVM

SVM: 0.066 **Visibility:** Not Visible

Name:	Eagle Lighting Australia	Type:	EL-OMN6-2100-244
SN:	ELA-10684-F	Manufacturer:	Eagle Lighting Australia
Tester:	Frank Magdic	Sample time:	2021-6-10 07:53:42
Lamp base orientation:	Horizontal	Description:	OMNIPOD ET 19W 2R 2750LM 940 600x600 DALI CLO
Remark:		Standard:	IESNA 2000,CIE TN 006,etc