

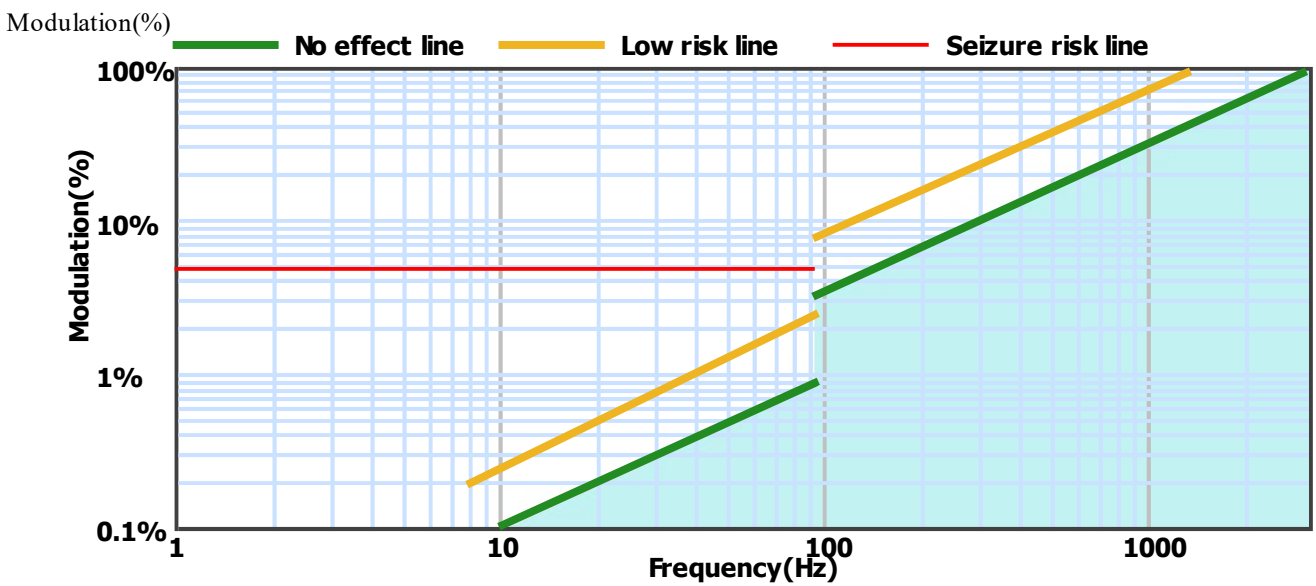
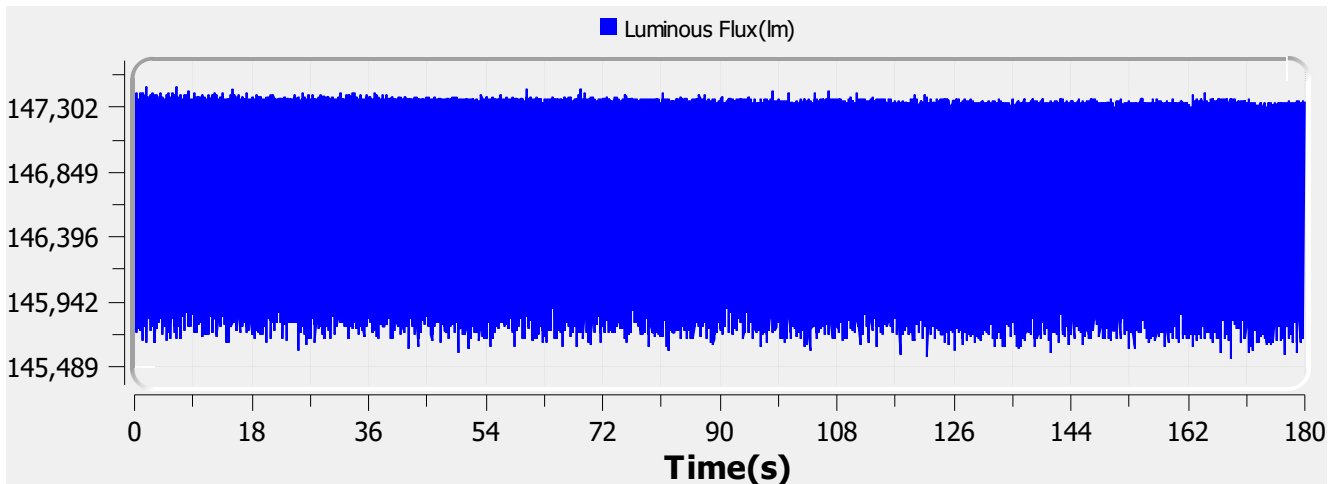
Flicker Test Report

Test condition

Photometric Type Luminous Flux(lm) Test range: Range2 Sampling Mode: Software
 Samplerate: 20 kS/s Sampling Time: 180.00 s

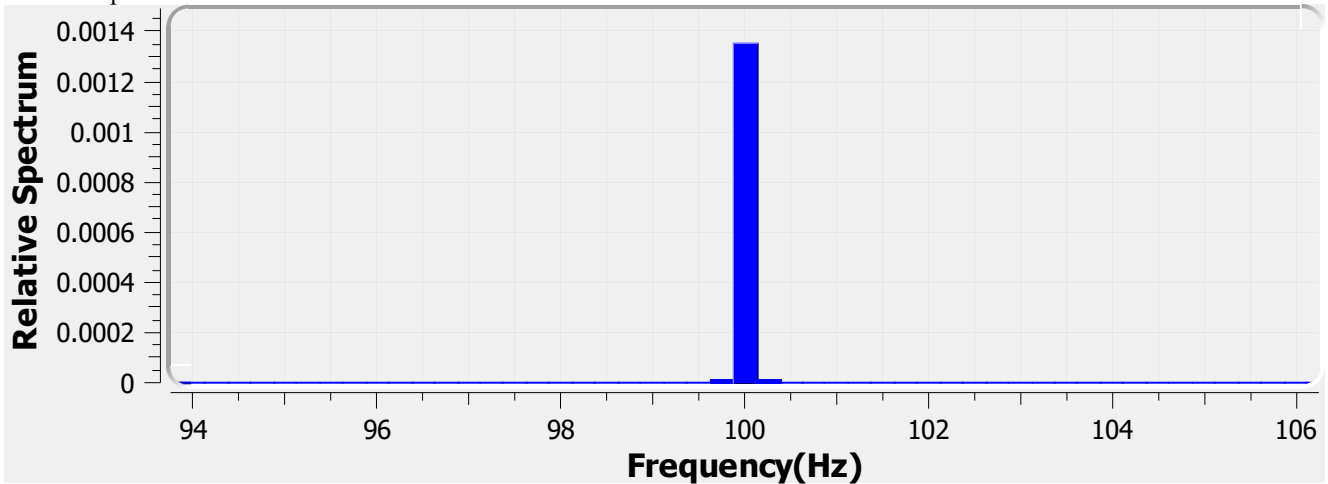
Test Wave

Local Waveform(0.000-180.000s)



Name:	AURELED ET 19W 3100LM	Type:	LUMINAIRE
SN:	EL-AUR-3106-000	Manufacturer:	Eagle Lighting Australia
Tester:	Frank Magdic	Sample time:	2021-2-15 11:50:00
Lamp base orientation:	Horizontal	Description:	AURELED ET 19W 3100LM 940 DELTA 1200X300
Remark:		Standard:	IESNA 2000,CIE TN 006,etc

Relative Spectrum Waveform



Test Result

Avg(lm):	146.688 k	Max(lm):	147.442 k	Min(lm):	145.553 k
BASIC					
Frequency:	100.000 Hz				
IEC-Pst [10KS/s]					
Pst:	0.015	Result:	very acceptable		
CA CEC					
PAM:	0.645%	PAM(40Hz):	0.021%	PAM(90Hz):	0.033%
PAM(200Hz):	0.414%	PAM(400Hz):	0.441%	PAM(1000Hz):	0.471%
ASSIST					
Flicker Index:	0.001	Percent Flicker:	0.458%	d:	0.000%
a:	0.000	MP:	0.0	fb:	0.000Hz
DP:	0%	Acceptability:	no consider stroboscopic effects		
IEEE Std 1789					
NM1:	0.048	NM2:	0.114	Module Depth:	0.458%
Risk level:	No effect				
CIE SVM					
SVM:	0.014	Visibility:	Not Visible		

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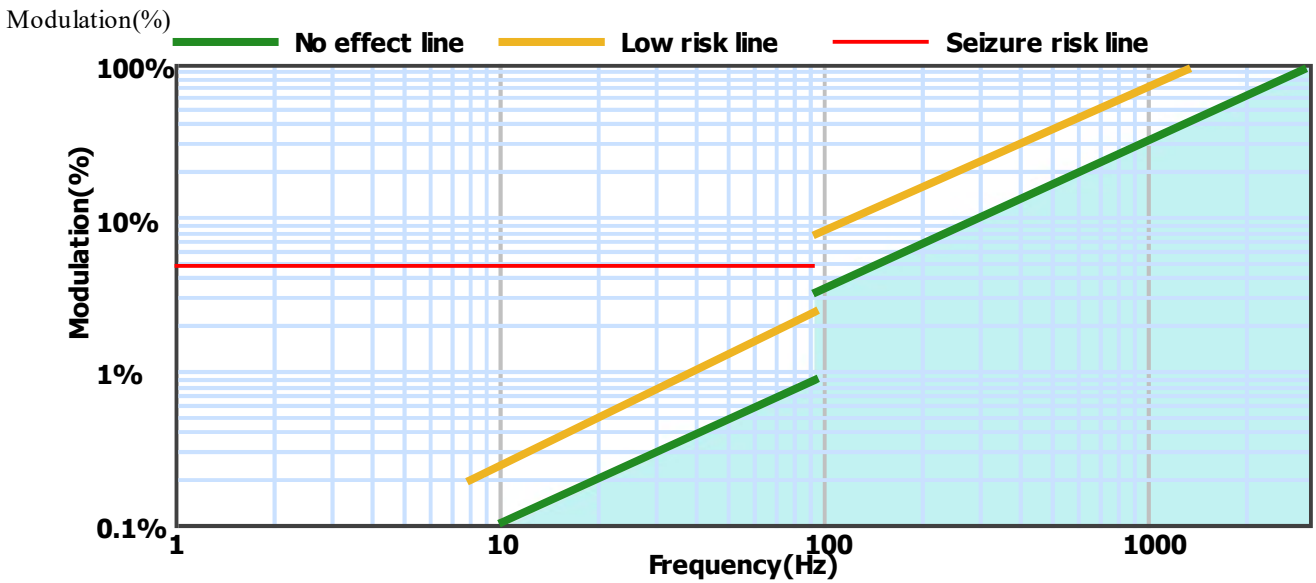
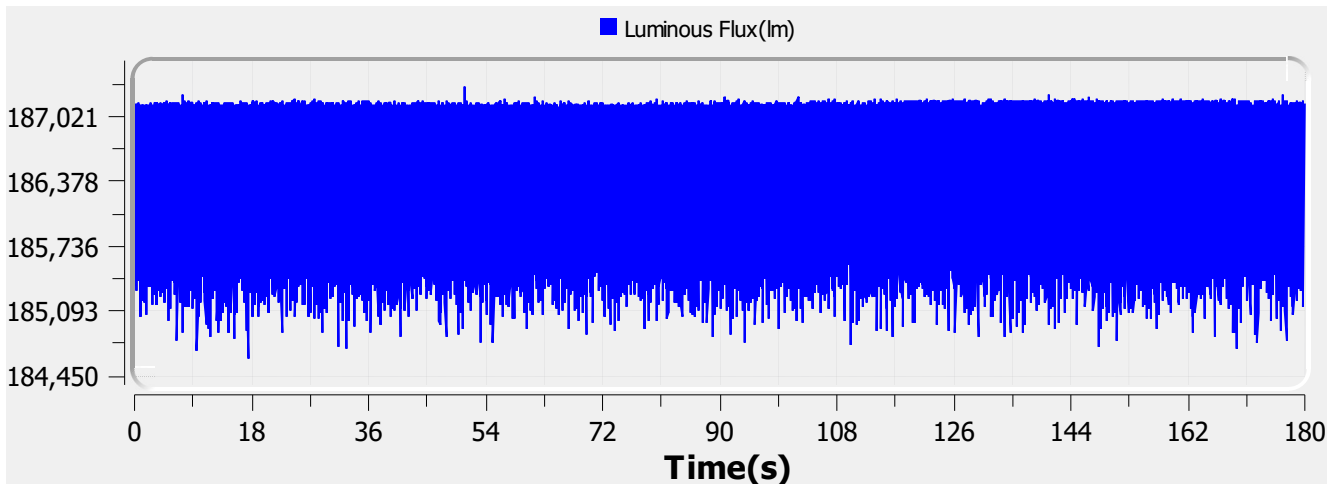
Flicker Test Report

Test condition

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 Samplerate: 20 kS/s Sampling Time: 180.00 s

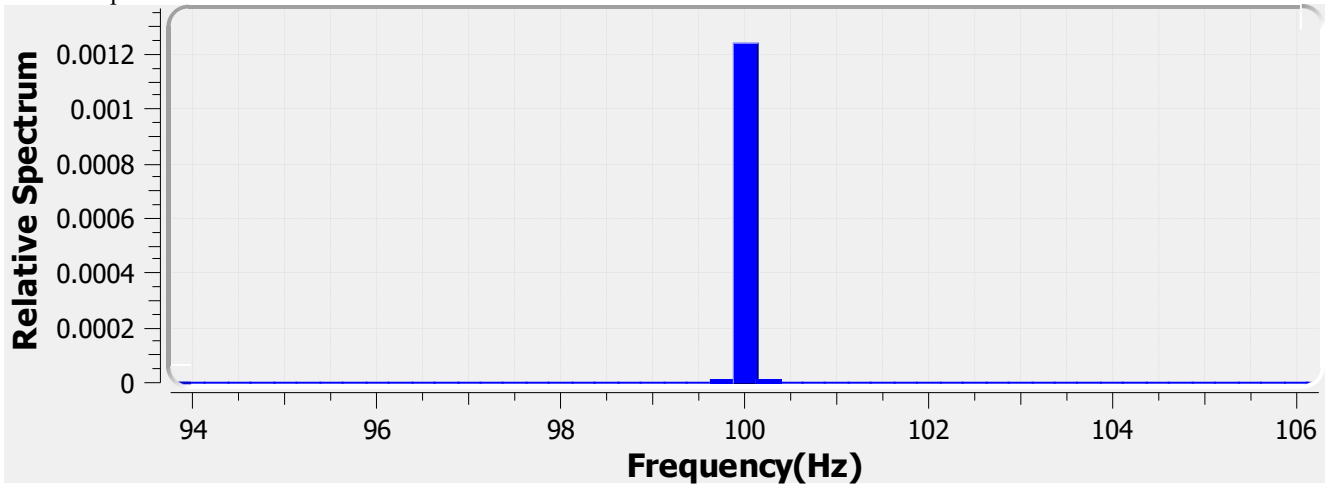
Test Wave

Local Waveform(0.000-180.000s)



Name:	AURELED ET 24W 3900LM	Type:	LUMINAIRE
SN:	EL-AUR-3107-000	Manufacturer:	Eagle Lighting Australia
Tester:	Benjamin Cheng	Sample time:	2021-2-17 10:12:20
Lamp base orientation:	Horizontal	Description:	AURELED ET 24W 3900LM 940 DELTA 1200X300
Remark:		Standard:	IESNA 2000,CIE TN 006,etc

Relative Spectrum Waveform



Test Result

Avg(lm): 186.412 k **Max(lm):** 187.310 k **Min(lm):** 184.632 k

BASIC

Frequency: 100.000 Hz

IEC-Pst [10KS/s]

Pst: 0.012 **Result:** very acceptable

CA CEC

PAM: 0.720% **PAM(40Hz):** 0.016% **PAM(90Hz):** 0.023%

PAM(200Hz): 0.389% **PAM(400Hz):** 0.407% **PAM(1000Hz):** 0.444%

ASSIST

Flicker Index: 0.001 **Percent Flicker:** 0.423% **d:** 0.000%

a: 0.000 **MP:** 0.0 **fb:** 0.000Hz

DP: 0% **Acceptability:** no consider stroboscopic effects

IEEE Std 1789

NM1: 0.046 **NM2:** 0.111 **Module Depth:** 0.423%

Risk level: No effect

CIE SVM

SVM: 0.014 **Visibility:** Not Visible

Name:	AURELED ET 24W 3900LM	Type:	LUMINAIRE
SN:	EL-AUR-3107-000	Manufacturer:	Eagle Lighting Australia
Tester:	Benjamin Cheng	Sample time:	2021-2-17 10:12:20
Lamp base orientation:	Horizontal	Description:	AURELED ET 24W 3900LM 940 DELTA 1200X300
Remark:		Standard:	IESNA 2000,CIE TN 006,etc