Test Report for Flicker

Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No

Basic

Frequency: 424.147 Hz
Average: 2162.333 lm
Maximum: 4331.845 lm
Minimum: 0.000 lm

IEC-Pst

PstLM: 0.049
Evaluate: Acceptable

CIE SVM

SVM: 0.632
Visibility: Not Visibile

IEEE Std 1789

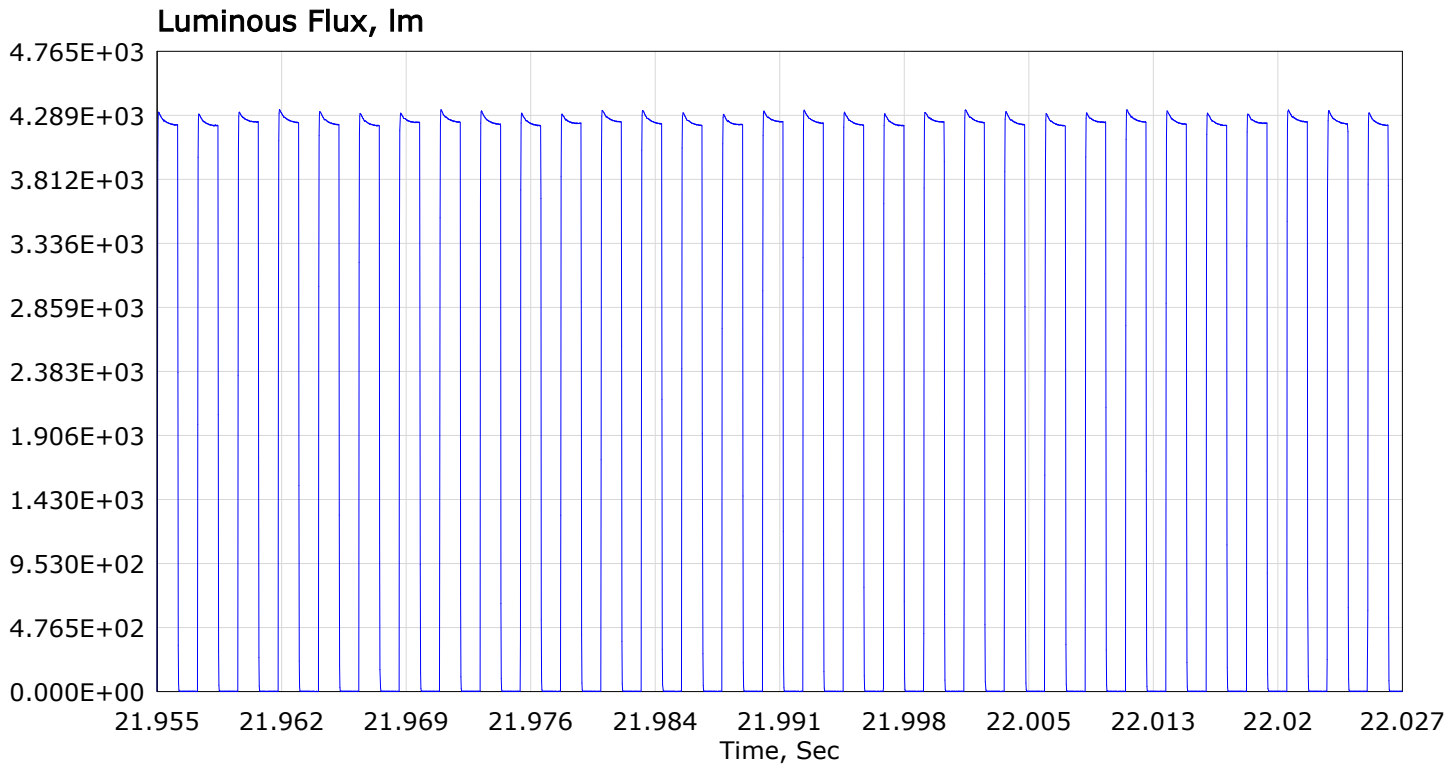
NM1: 1.018
Modulation: 100.000%
NM2: 2.688
Risk Level: High Risk

ASSIST

Flicker Index: 0.485
Percent Flicker: 100.000%
Mp: 0.111
Dp: 0.658%
d: 65.664%
a: 1.160
fb: 112.752 Hz
Evaluate: SW acceptable

CA CEC

PAM: 100.000%
PAM(40Hz): 0.248%
PAM(90Hz): 0.358%
PAM(200Hz): 0.761%
PAM(400Hz): 1.179%
PAM(1000Hz): 100.000%



Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M43716,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:23:06
Testing Environment: 26.0 °C, 57.4%
Sample Duration: 60.0 S
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

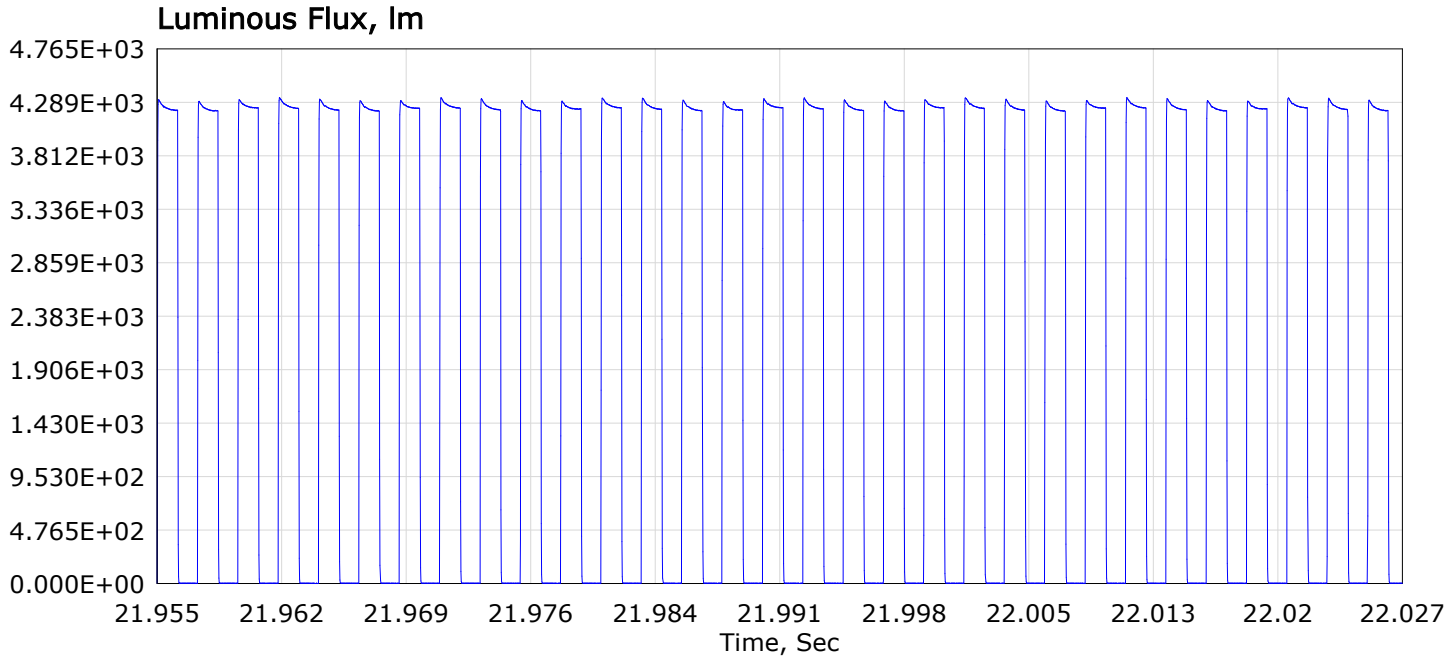
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

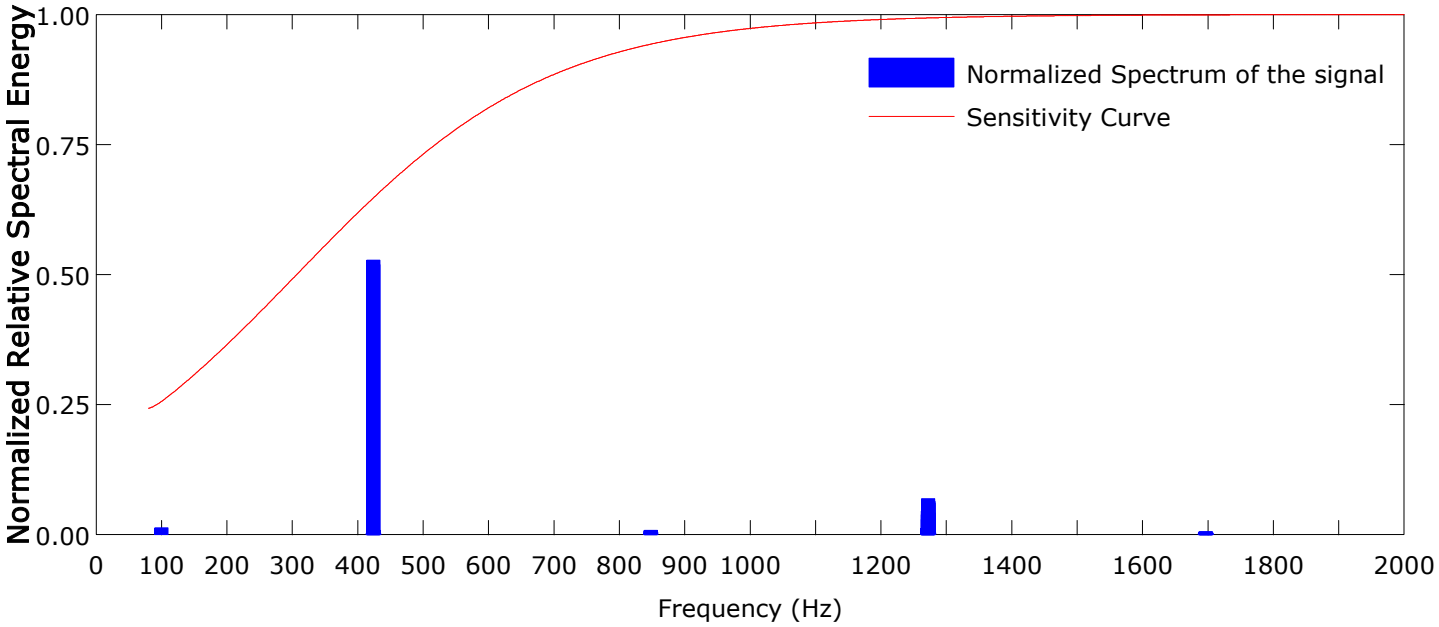
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 424.147 Hz
Maximum: 4331.845 lm
Flicker Index: 0.485
SVM: 0.632

Average: 2162.333 lm
Minimum: 0.000 lm
Modulation: 100.000%
Visibility: Not Visibile





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M43716,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:23:06
Testing Environment: 26.0 °C, 57.4%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

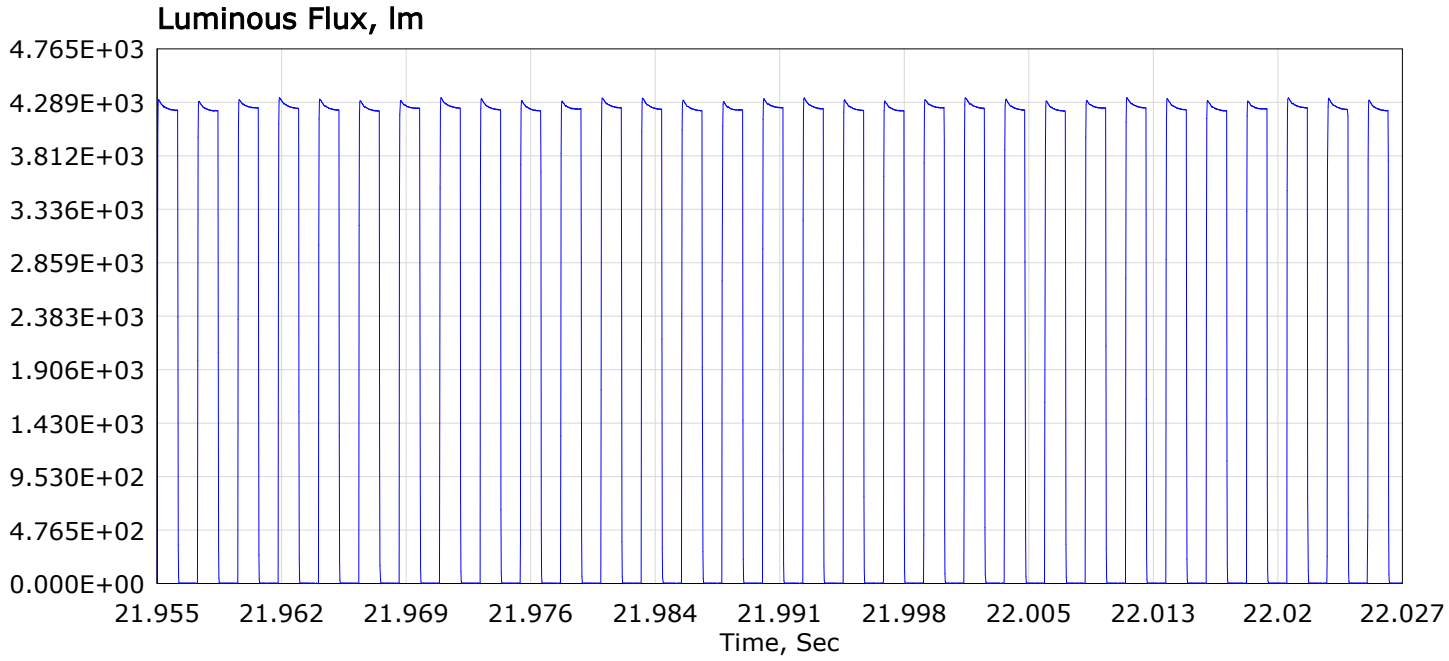
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

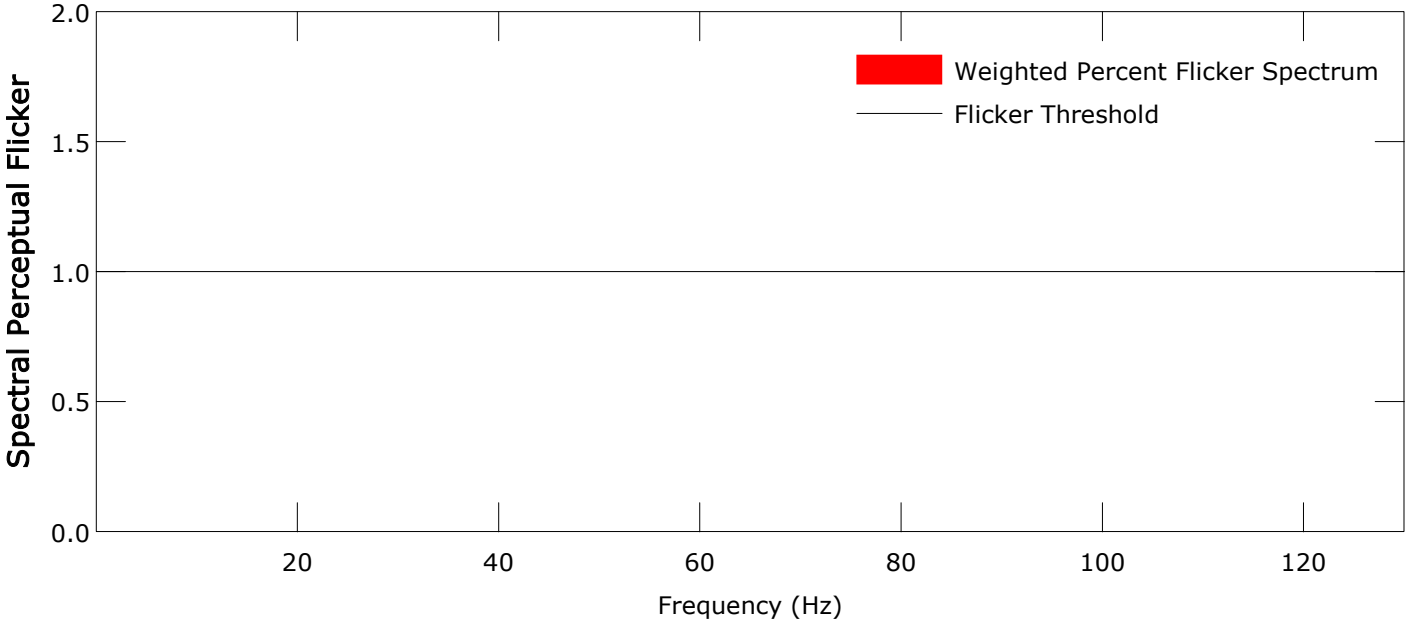
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 424.147 Hz
Maximum: 4331.845 lm
Flicker Index: 0.485
PstLM: 0.049

Average: 2162.333 lm
Minimum: 0.000 lm
Percent Flicker: 100.000%
Evaluate: Acceptable





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M43716,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:23:06
Testing Environment: 26.0 °C, 57.4%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

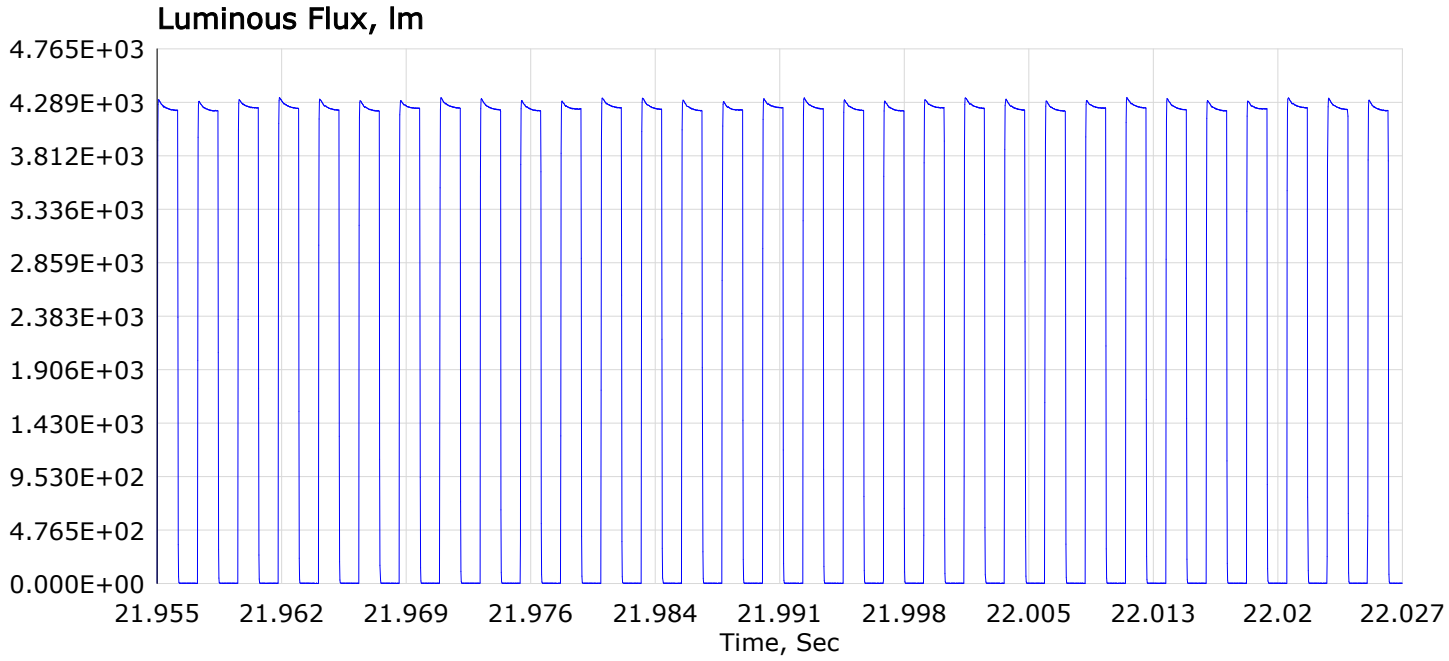
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

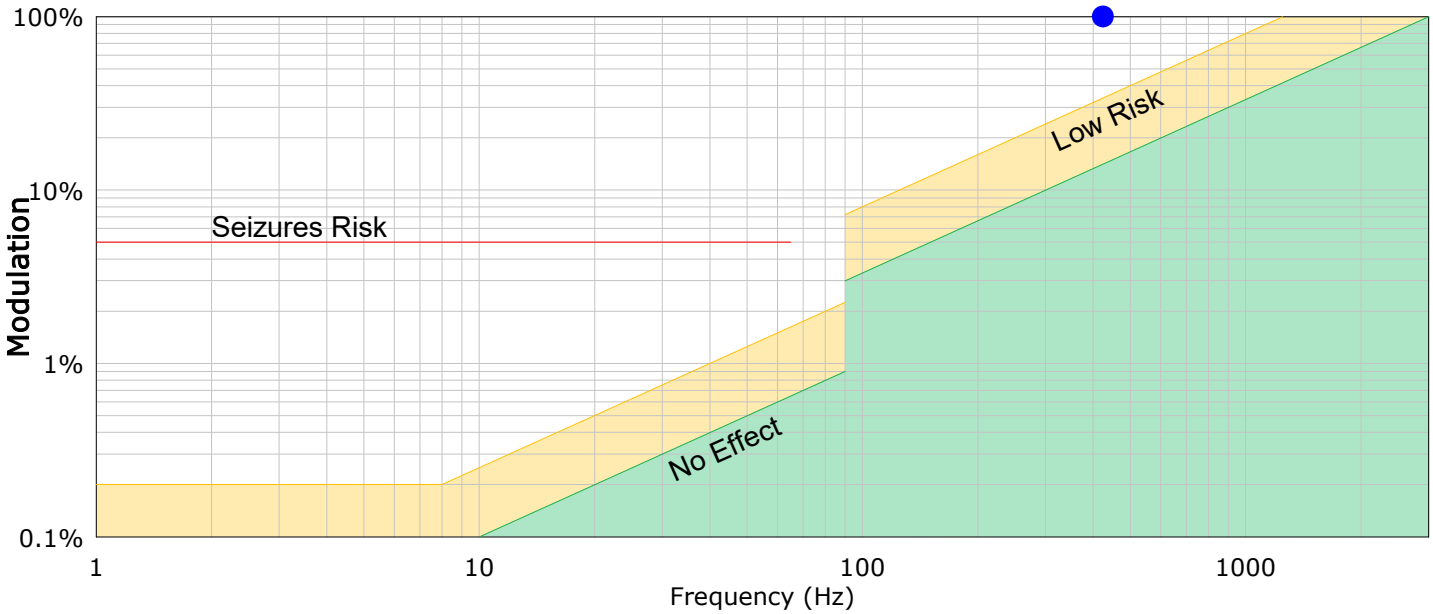
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 424.147 Hz
Maximum: 4331.845 lm
Flicker Index: 0.485
NM1: 1.018, NM2: 2.688

Average: 2162.333 lm
Minimum: 0.000 lm
Modulation: 100.000%
Risk Level: High Risk





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M43716,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:23:06
Testing Environment: 26.0 °C, 57.4%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015