Test Report for Flicker

Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

Manufacturer: China Factory
Number:
Comments: 5% brightness level

Test Results

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

Basic

Frequency: 450.057 Hz
Average: 197.970 lm
Maximum: 3202.602 lm
Minimum: 0.000 lm

IEC-Pst

PstLM: 2.269
Evaluate: Unacceptable

CIE SVM

SVM: 2.169
Visibility: Visibile

IEEE Std 1789

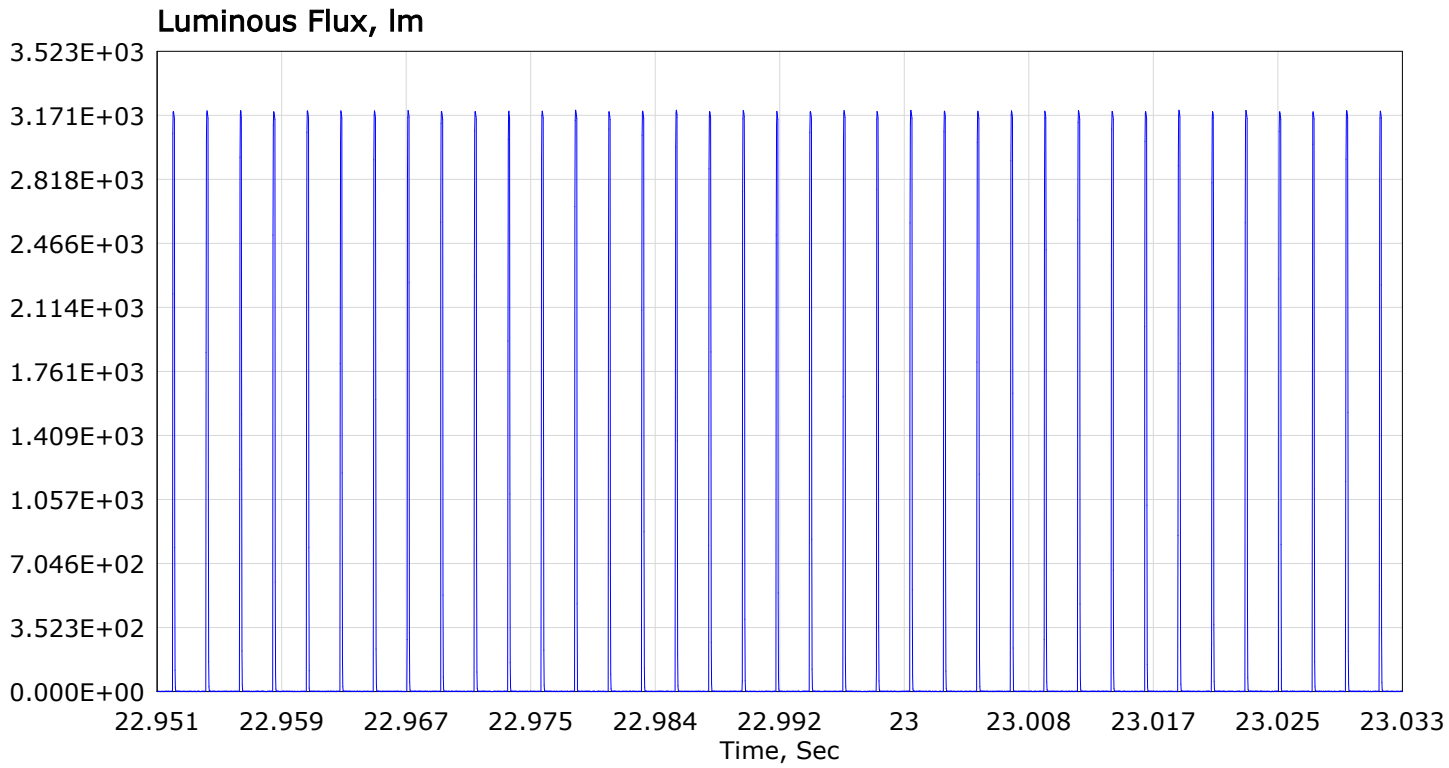
NM1: 5.314
Modulation: 100.000%
NM2: 19.623
Risk Level: High Risk

ASSIST

Flicker Index: 0.920
Percent Flicker: 100.000%
Mp: 0.983
Dp: 42.395%
d: 85.717%
a: 0.820
fb: 188.358 Hz
Evaluate: Neutral

CA CEC

PAM: 100.000%
PAM(40Hz): 2.131%
PAM(90Hz): 2.520%
PAM(200Hz): 3.166%
PAM(400Hz): 5.859%
PAM(1000Hz): 100.000%



Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32326,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:26:59
Testing Environment: 26.4 °C, 60.1%
Sample Duration: 60.0 S
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

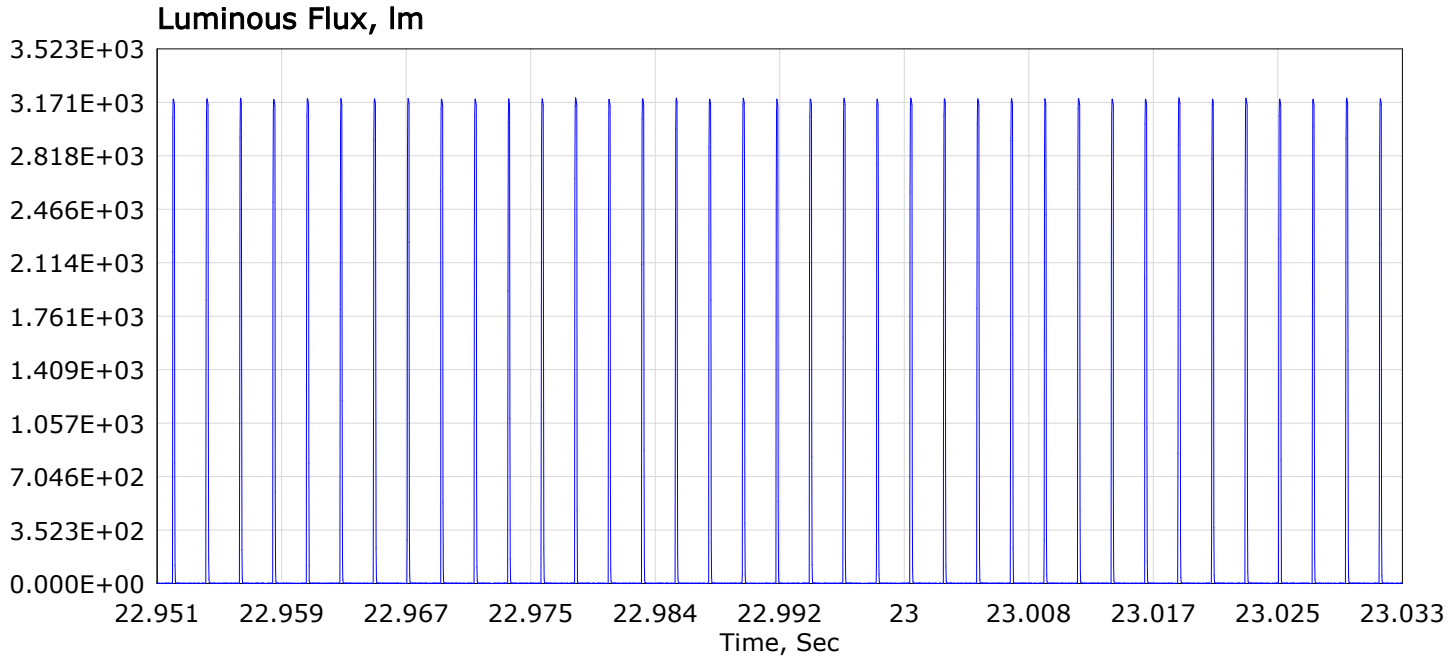
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Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

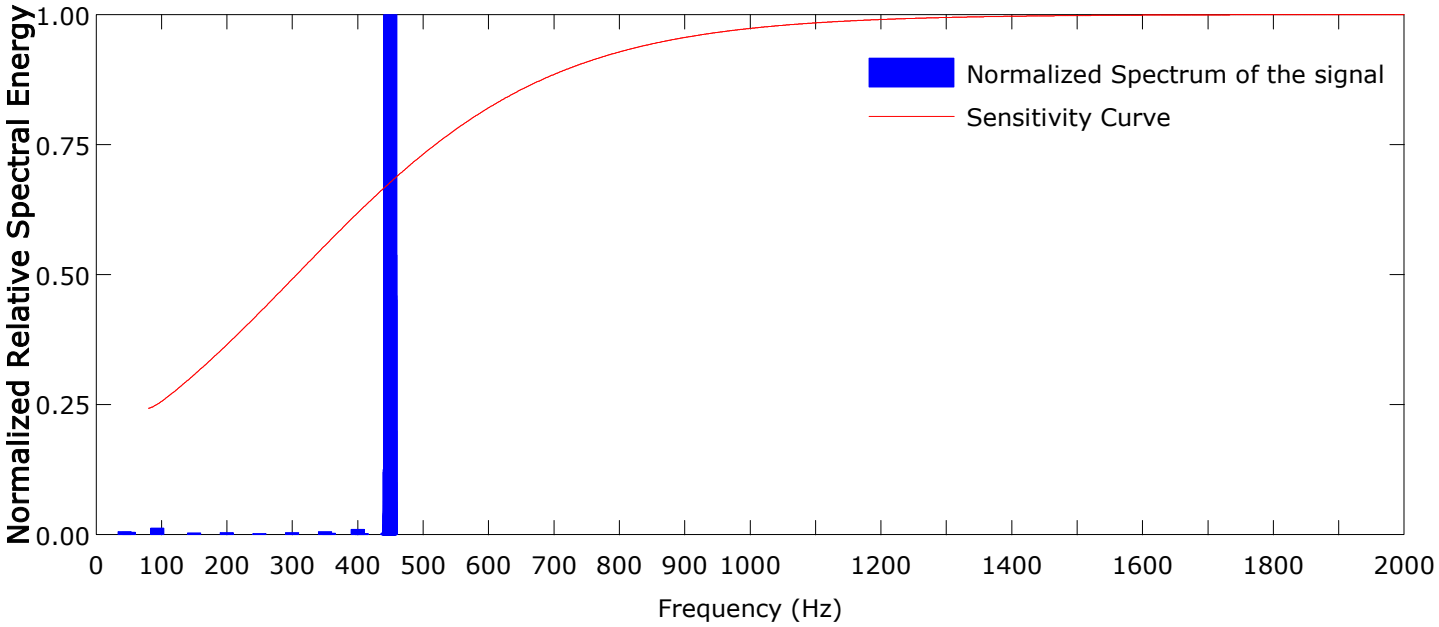
Manufacturer: China Factory
Number:
Comments: 5% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 450.057 Hz
Maximum: 3202.602 lm
Flicker Index: 0.920
SVM: 2.169

Average: 197.970 lm
Minimum: 0.000 lm
Modulation: 100.000%
Visibility: Visibile





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32326,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:26:59
Testing Environment: 26.4 °C, 60.1%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

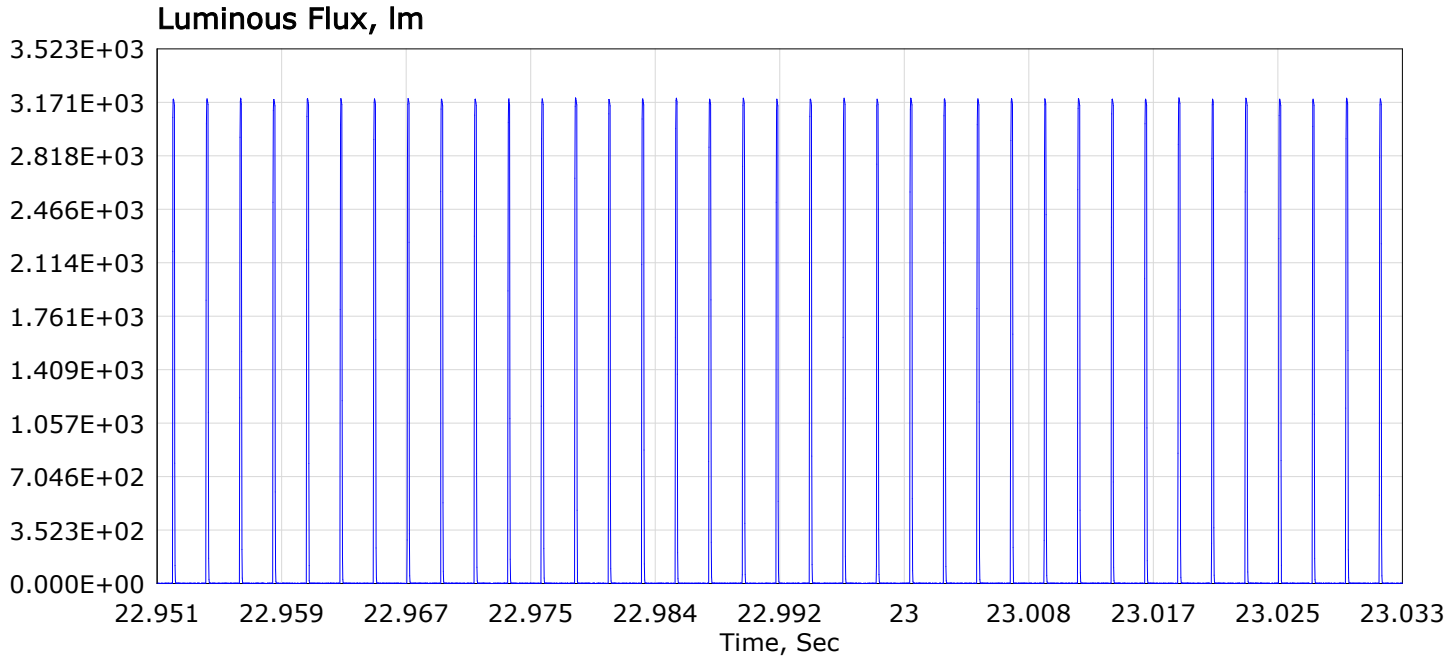
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

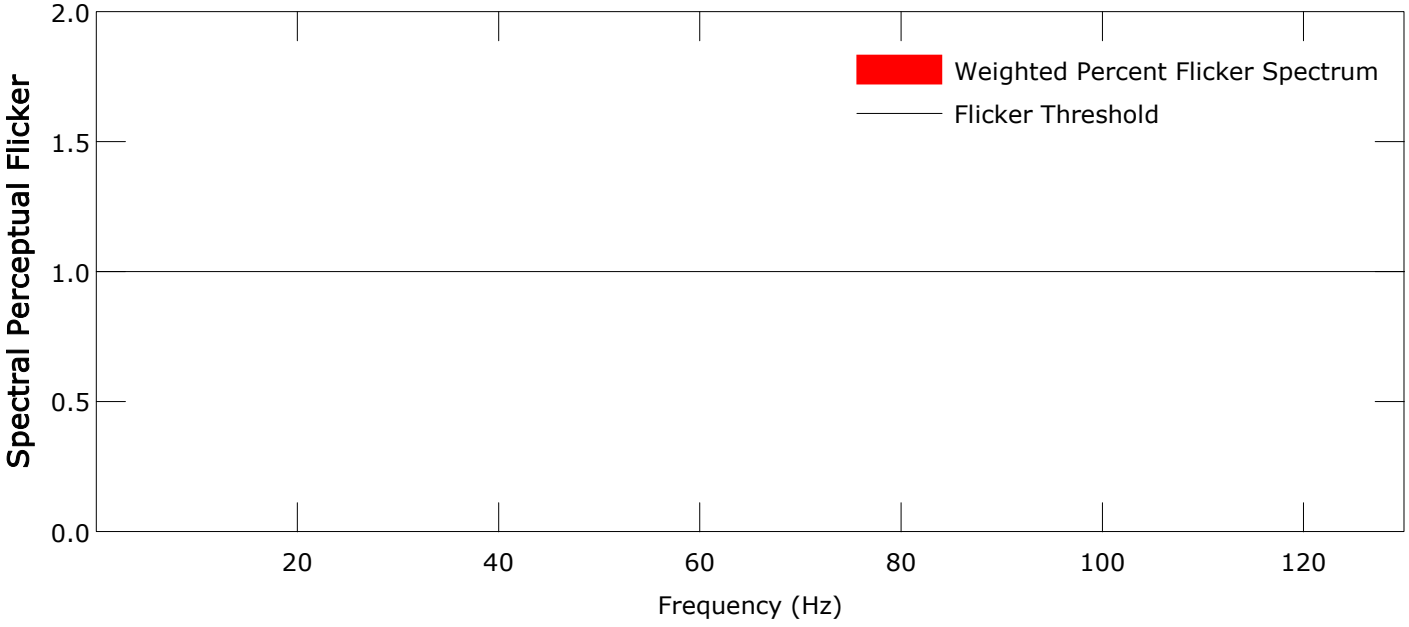
Manufacturer: China Factory
Number:
Comments: 5% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 450.057 Hz
Maximum: 3202.602 lm
Flicker Index: 0.920
PstLM: 2.269

Average: 197.970 lm
Minimum: 0.000 lm
Percent Flicker: 100.000%
Evaluate: Unacceptable





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32326,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:26:59
Testing Environment: 26.4 °C, 60.1%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

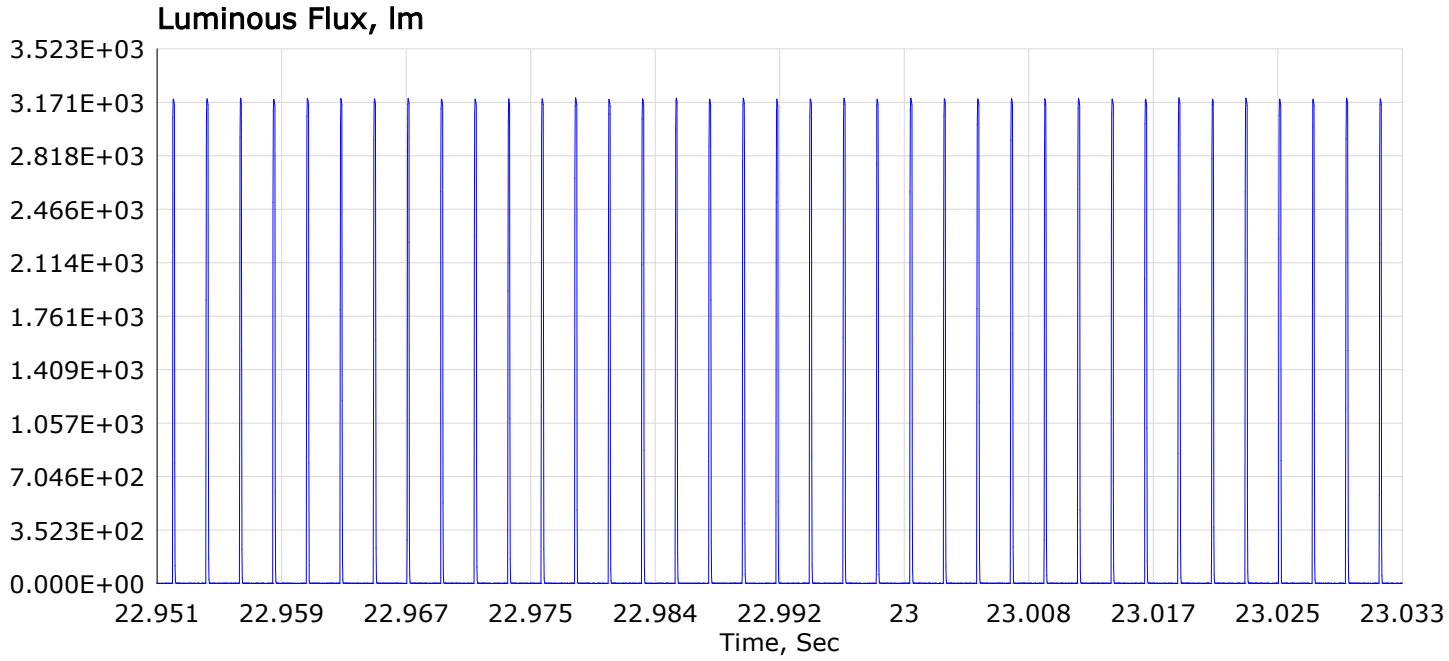
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Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

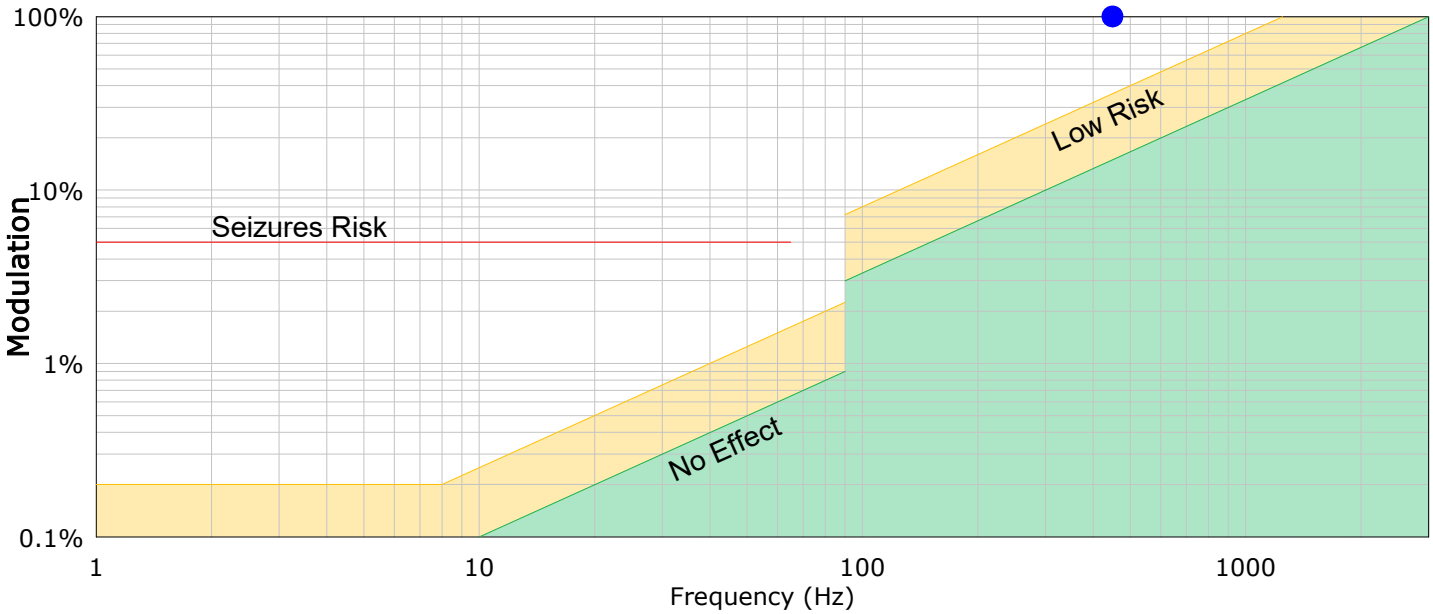
Manufacturer: China Factory
Number:
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Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 450.057 Hz
Maximum: 3202.602 lm
Flicker Index: 0.920
NM1: 5.314, NM2: 19.623

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





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Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32326,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:26:59
Testing Environment: 26.4 °C, 60.1%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015