Test Report for Flicker

Report ID: Strobe test
Catalog: ELED-30-xT-SLP(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: 431.108 Hz
Average: 1036.124 lm
Maximum: 1909.375 lm
Minimum: 0.000 lm

IEC-Pst

PstLM: 0.517
Evaluate: Acceptable

CIE SVM

SVM: 0.395
Visibility: Not Visibile

IEEE Std 1789

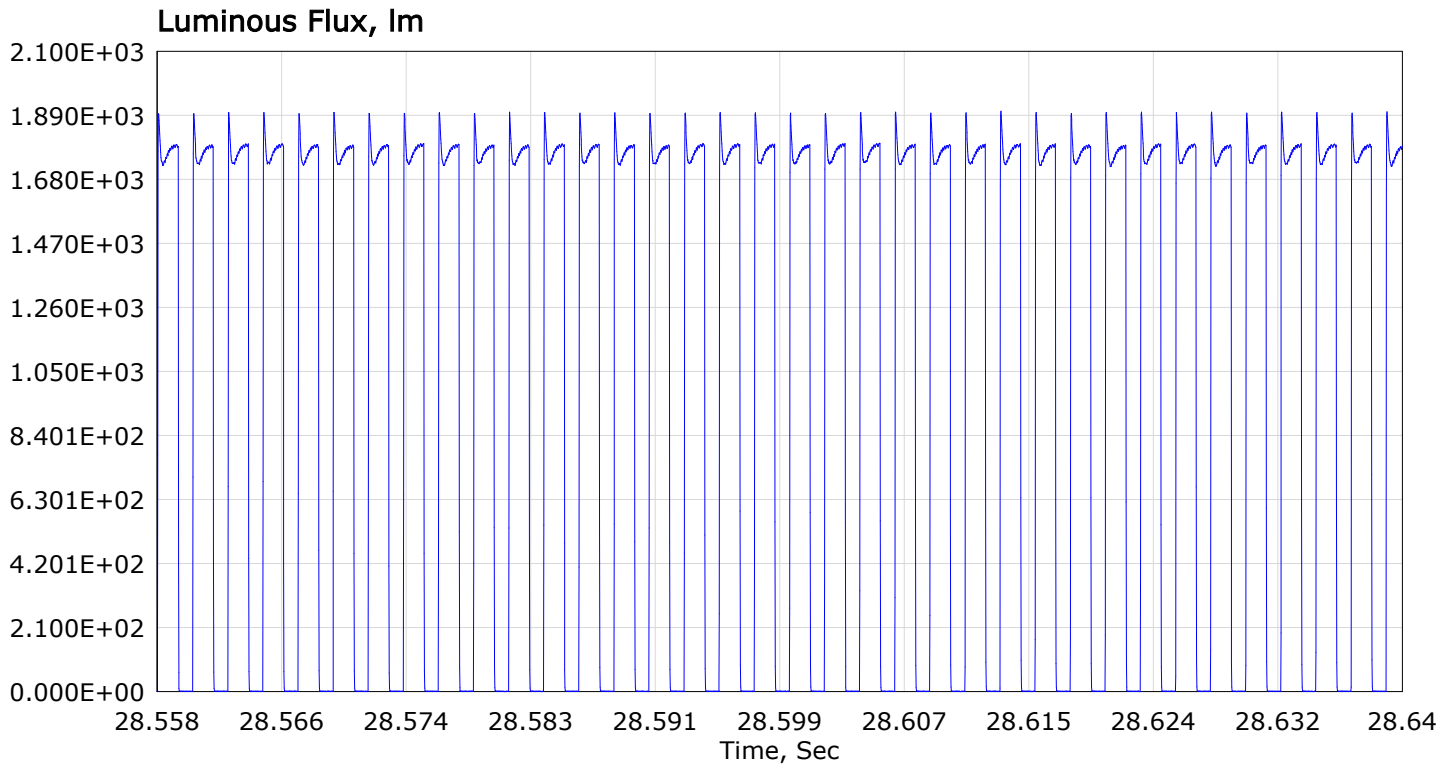
NM1: 0.687
Modulation: 100.000%
NM2: 1.797
Risk Level: Low Risk

ASSIST

Flicker Index: 0.412
Percent Flicker: 100.000%
Mp: 0.219
Dp: 1.171%
d: 56.685%
a: 1.329
fb: 86.851 Hz
Evaluate: SW acceptable

CA CEC

PAM: 100.000%
PAM(40Hz): 0.467%
PAM(90Hz): 0.698%
PAM(200Hz): 0.762%
PAM(400Hz): 1.061%
PAM(1000Hz): 100.000%



Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M19282,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:13:39
Testing Environment: 26.2 °C, 60.7%
Sample Duration: 60.0 S
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

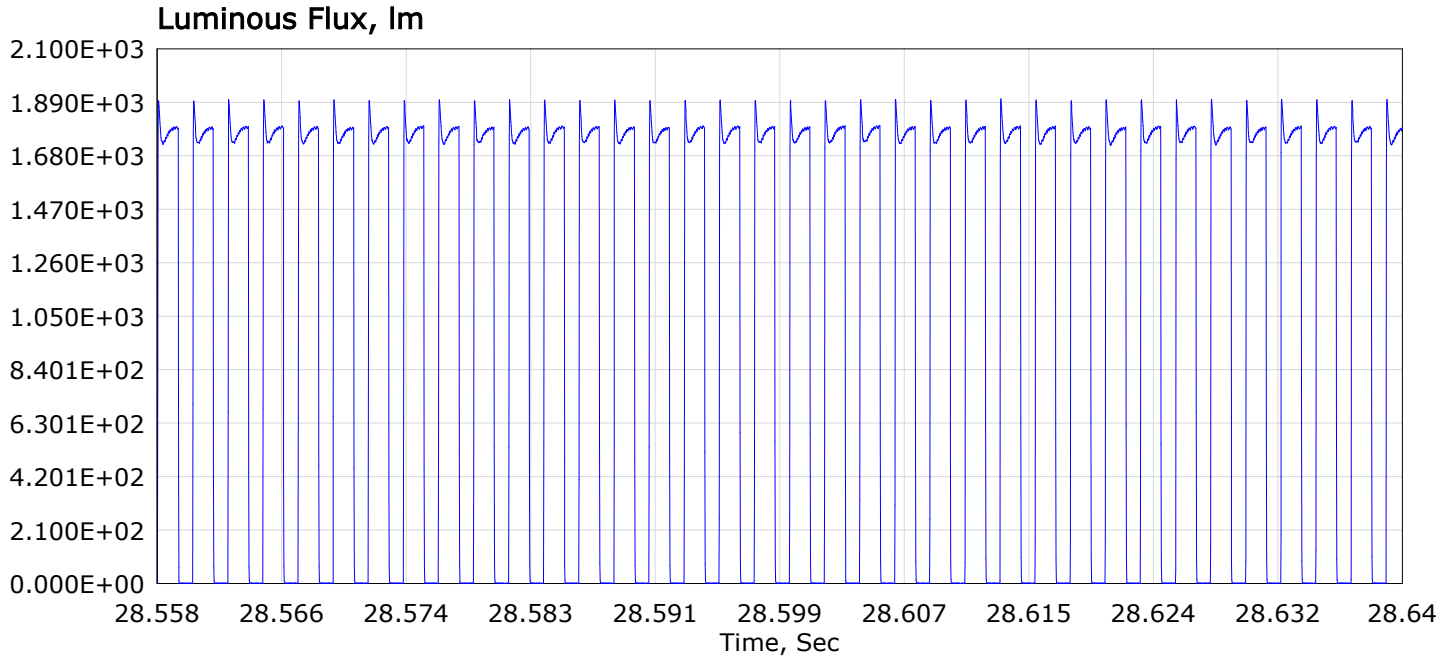
Report ID: Strobe test
Catalog: ELED-30-xT-SLP(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

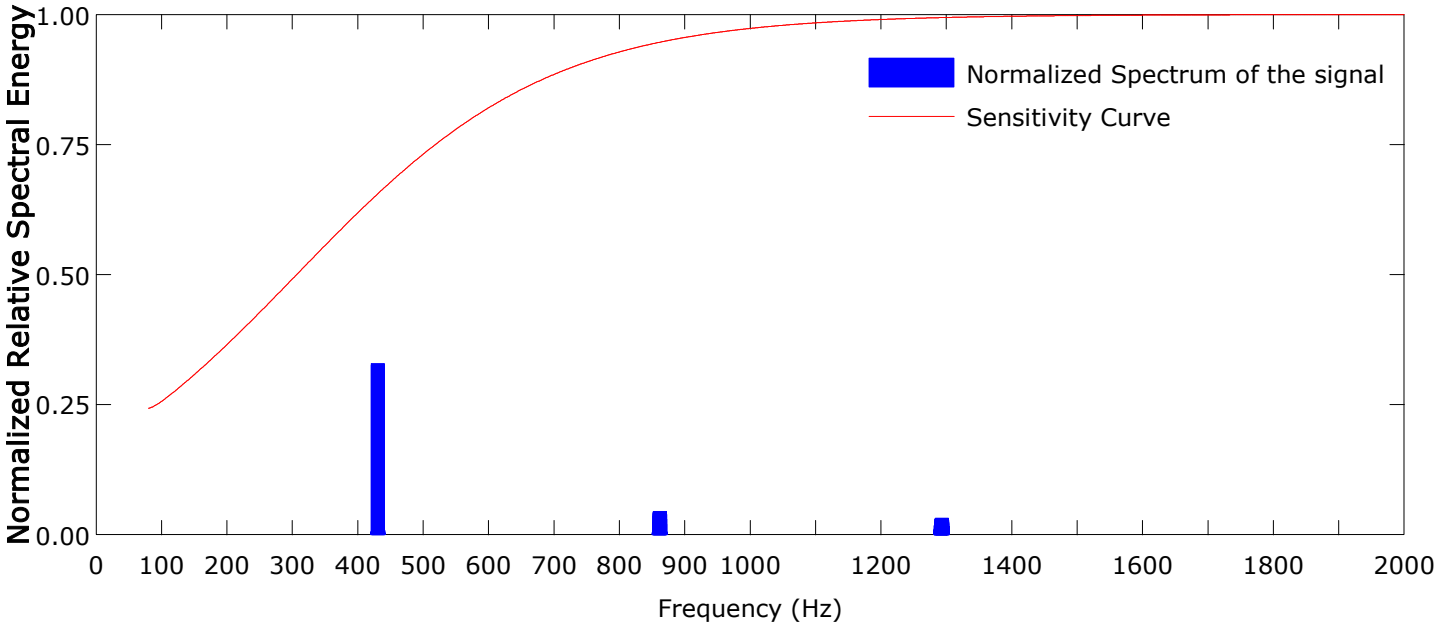
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 431.108 Hz
Maximum: 1909.375 lm
Flicker Index: 0.412
SVM: 0.395

Average: 1036.124 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,M19282,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:13:39
Testing Environment: 26.2 °C, 60.7%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

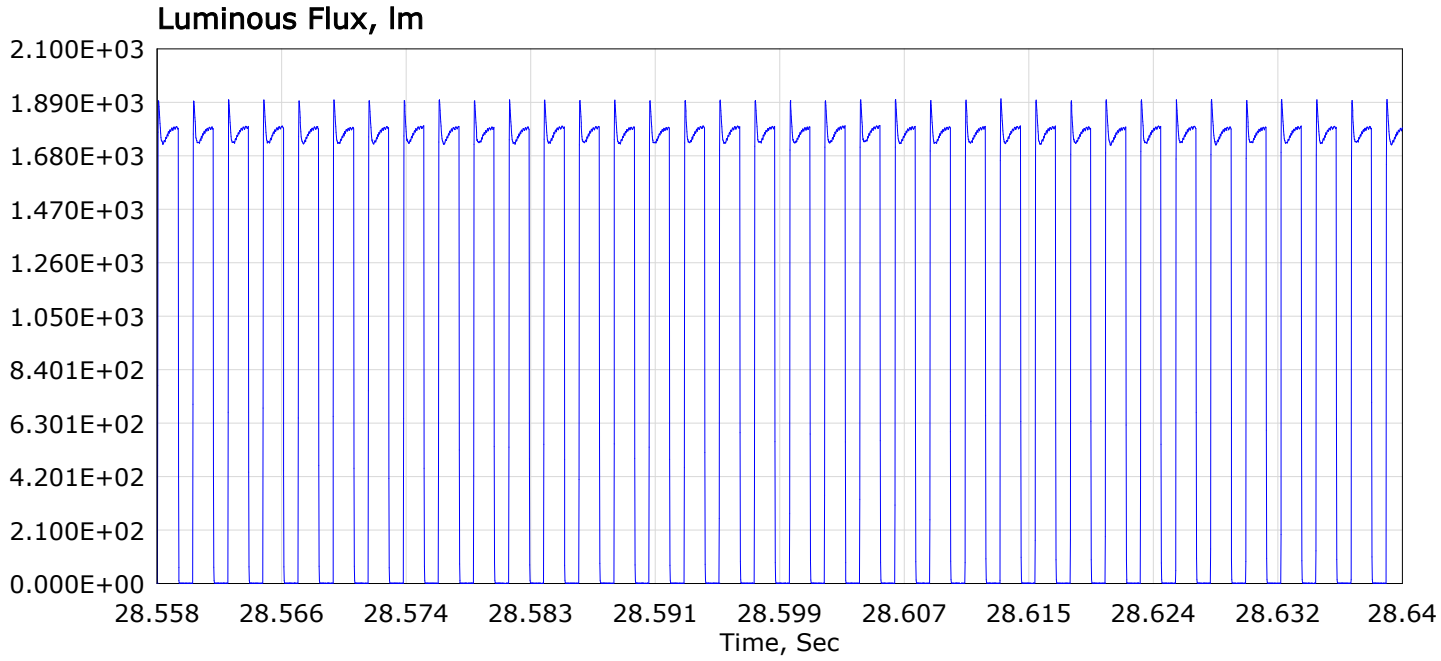
Report ID: Strobe test
Catalog: ELED-30-xT-SLP(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

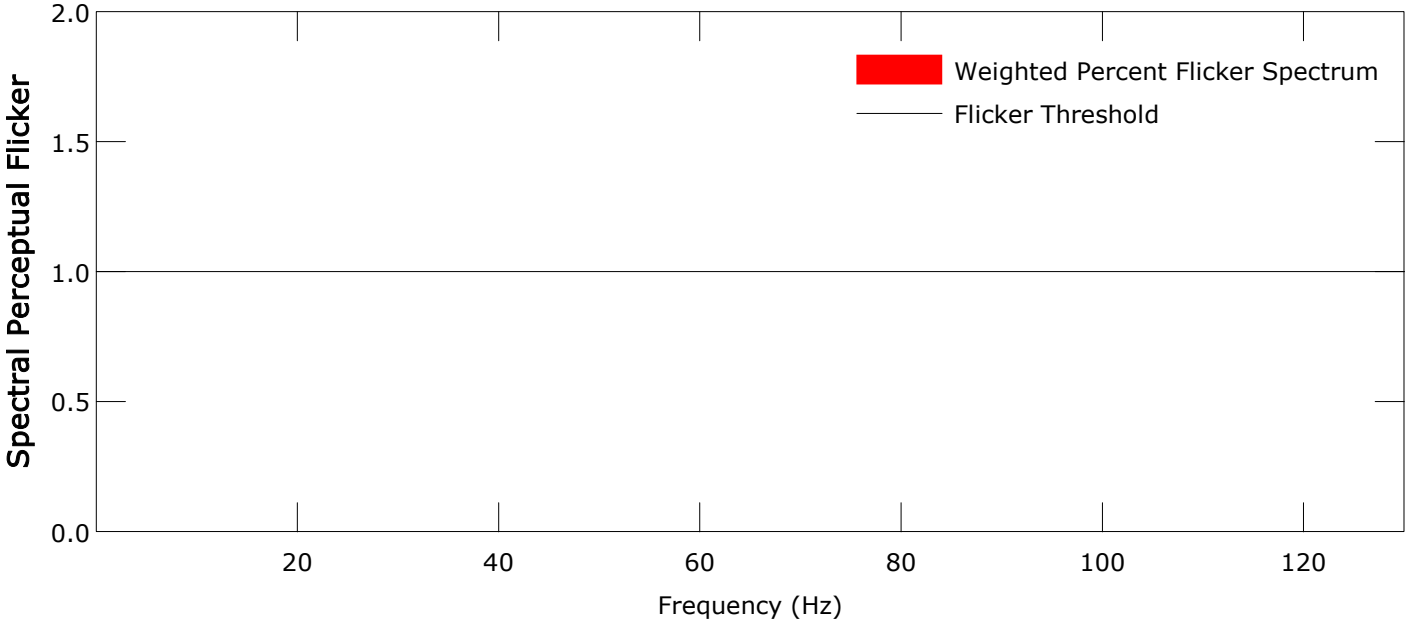
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 431.108 Hz
Maximum: 1909.375 lm
Flicker Index: 0.412
PstLM: 0.517

Average: 1036.124 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,M19282,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:13:39
Testing Environment: 26.2 °C, 60.7%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

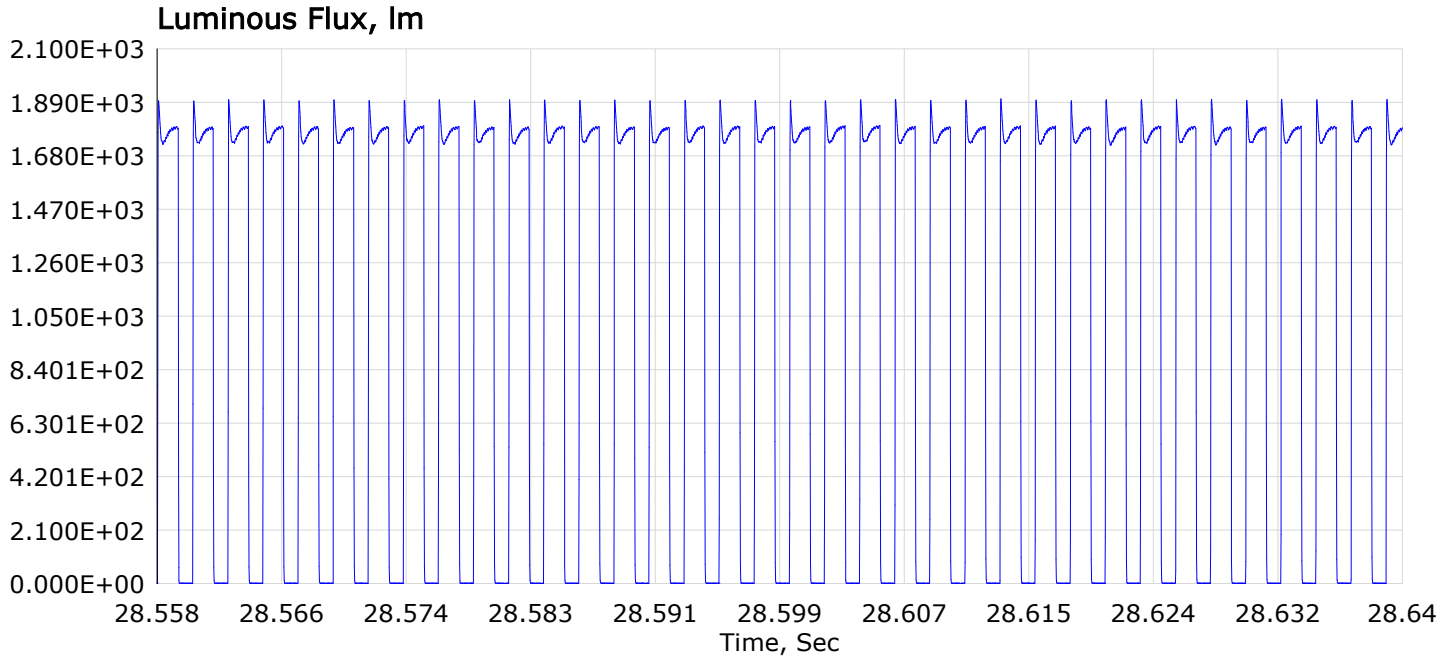
Report ID: Strobe test
Catalog: ELED-30-xT-SLP(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

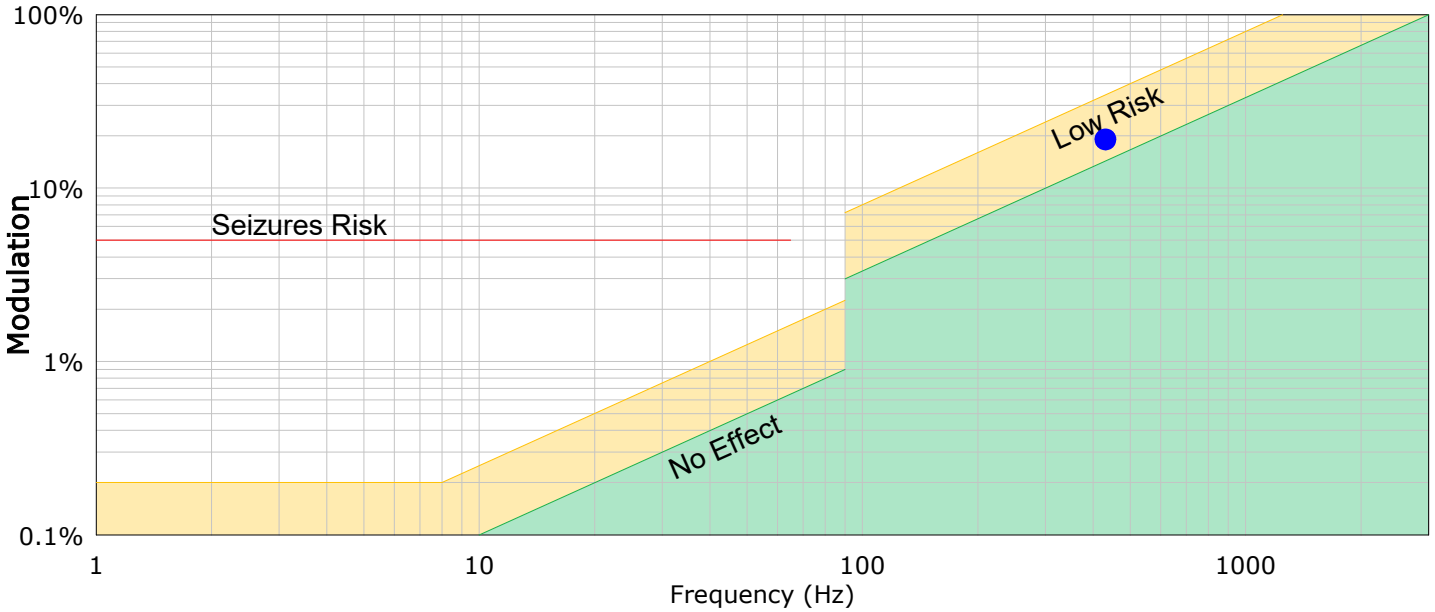
Manufacturer: China Factory
Number:
Comments: 50% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 431.108 Hz
Maximum: 1909.375 lm
Flicker Index: 0.412
NM1: 0.687, NM2: 1.797

Average: 1036.124 lm
Minimum: 0.000 lm
Modulation: 100.000%
Risk Level: Low Risk





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M19282,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:13:39
Testing Environment: 26.2 °C, 60.7%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015