# 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: 50% brightness level

## Test Results

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

**Basic**

Frequency: 444.585 Hz
Average: 1816.890 lm
Maximum: 3321.871 lm
Minimum: 0.000 lm

**IEC-Pst**

PstLM: 0.122
Evaluate: Acceptable

**CIE SVM**

SVM: 0.425
Visibility: Not Visibile

**IEEE Std 1789**

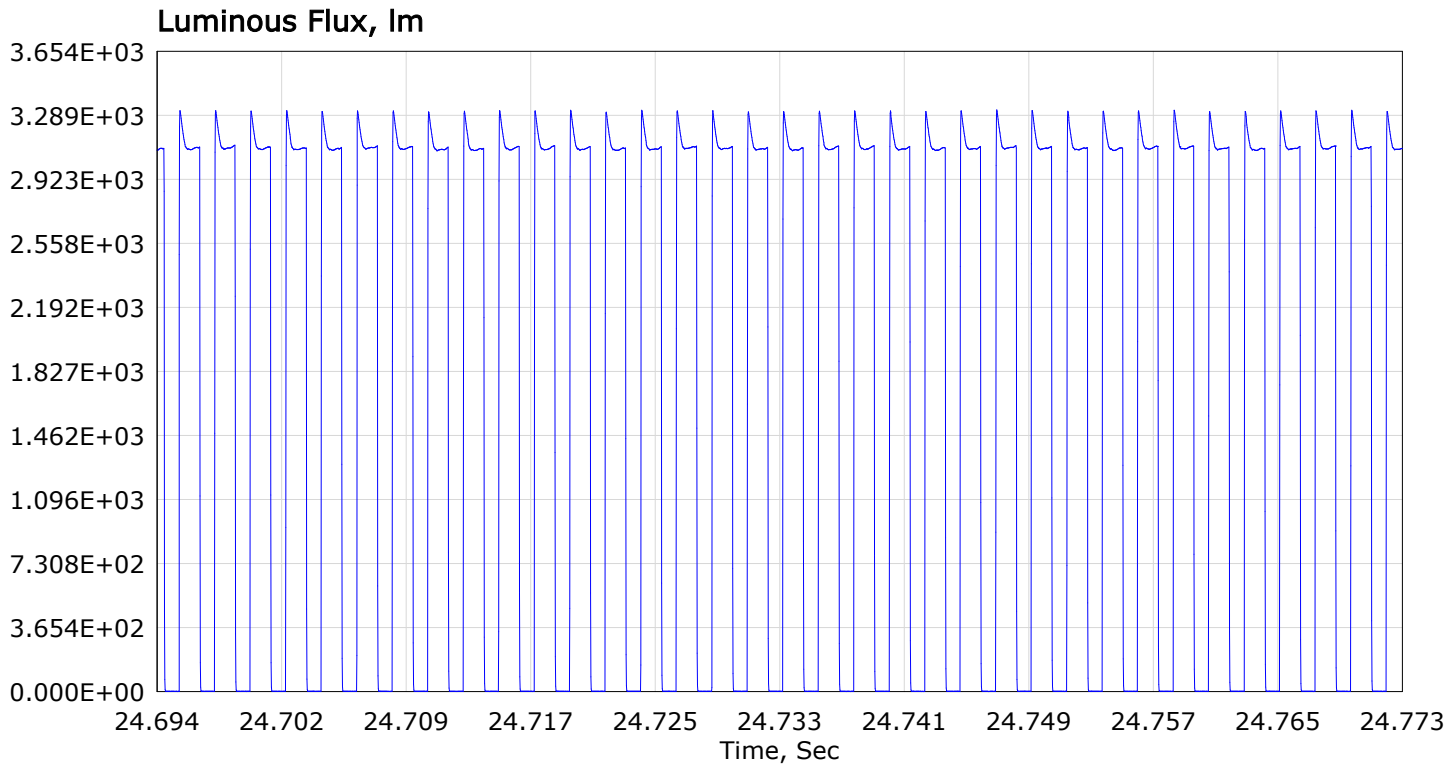
NM1: 0.519
Modulation: 100.000%
NM2: 1.369
Risk Level: Low Risk

**ASSIST**

Flicker Index: 0.415
Percent Flicker: 100.000%
Mp: 0.107
Dp: 0.645%
d: 51.386%
a: 1.438
fb: 72.664 Hz
Evaluate: SW acceptable

**CA CEC**

PAM: 100.000%
PAM(40Hz): 0.450%
PAM(90Hz): 0.704%
PAM(200Hz): 1.181%
PAM(400Hz): 3.420%
PAM(1000Hz): 100.000%




Test Lab: Ecopac(UK)Power Ltd
Test Equipment: LFM-5000
Operator: ZL
Test Time: 2026-08-11 10:25:02
Photometric Type: Luminous Flux
Testing Environment: 26.4 °C, 62.1%
Sample Rate: 50 KS/s
Sample Duration: 60.0 S
Signal: P2,M33529,
According: IESNA 2000, CIE TN 006, etc

# Test Report for CIE SVM

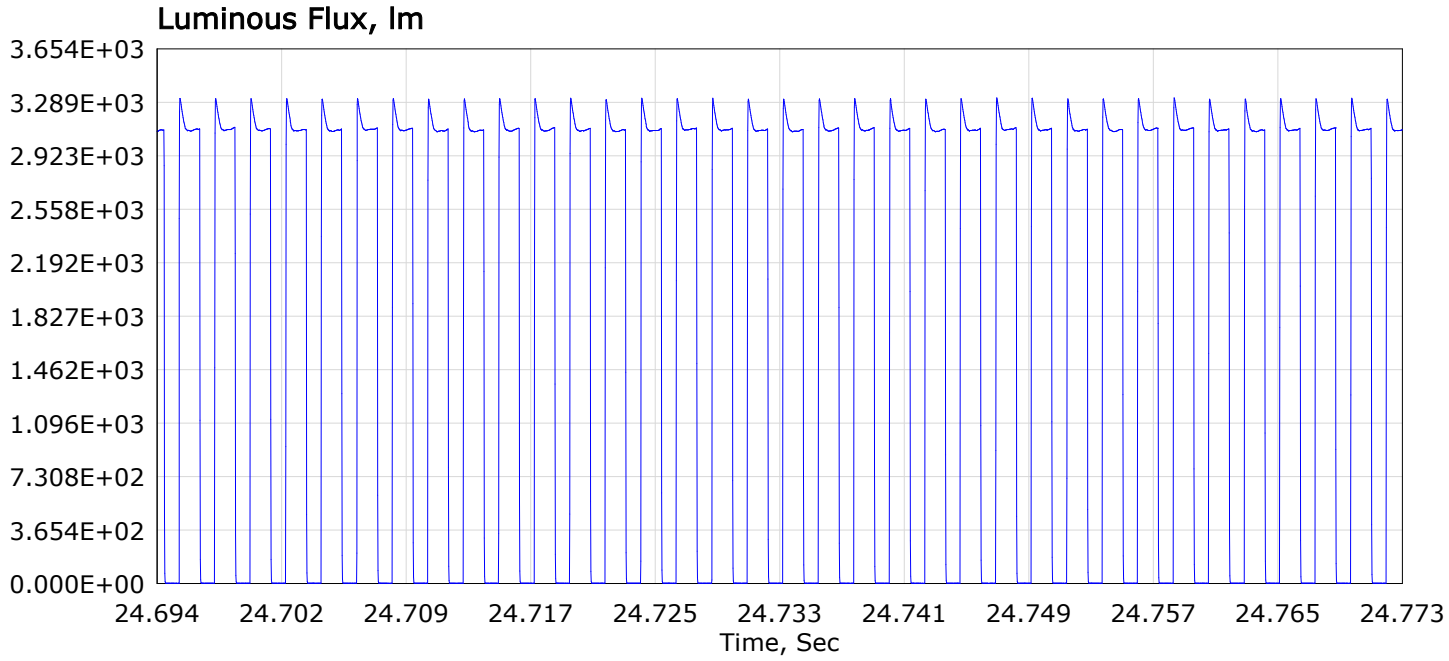
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

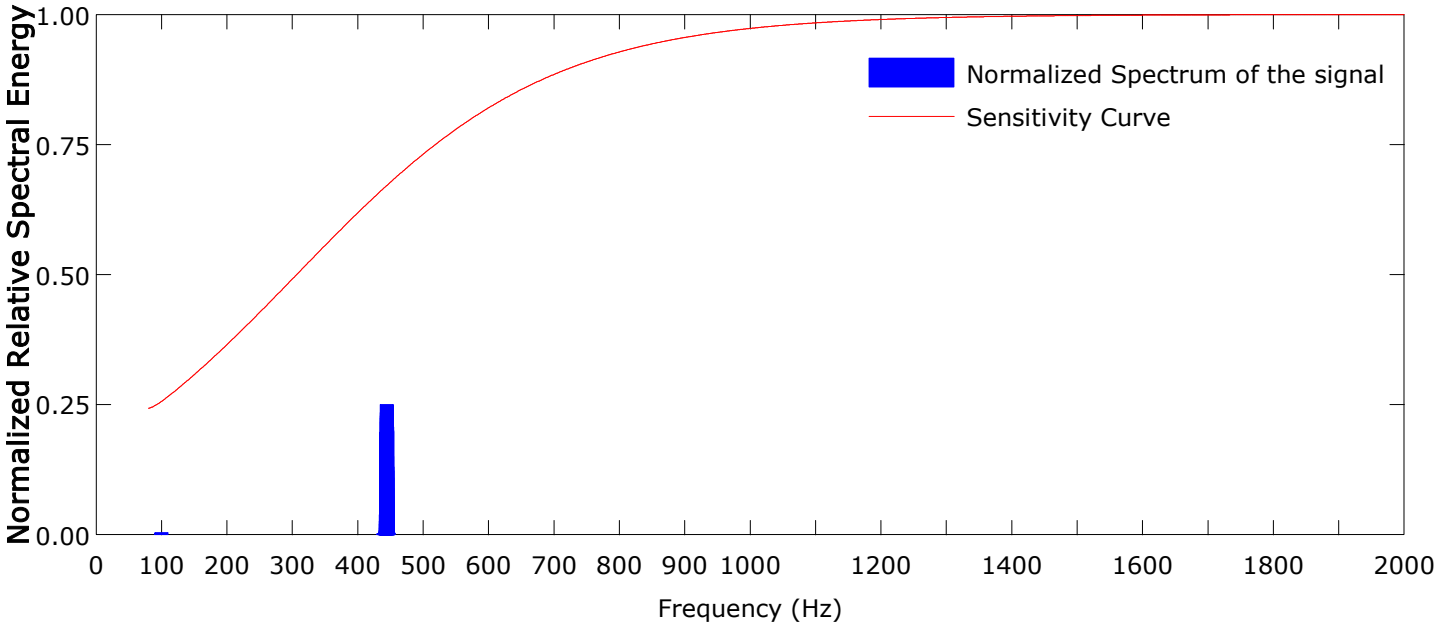
Manufacturer: China Factory
Number:
Comments: 50% brightness level

## Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 444.585 Hz
Maximum: 3321.871 lm
Flicker Index: 0.415
SVM: 0.425

Average: 1816.890 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,M33529,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:25:02
Testing Environment: 26.4 °C, 62.1%
Sample Duration: 60.0 S
According: CIE TN 006:2016

# Test Report for IEC Pst

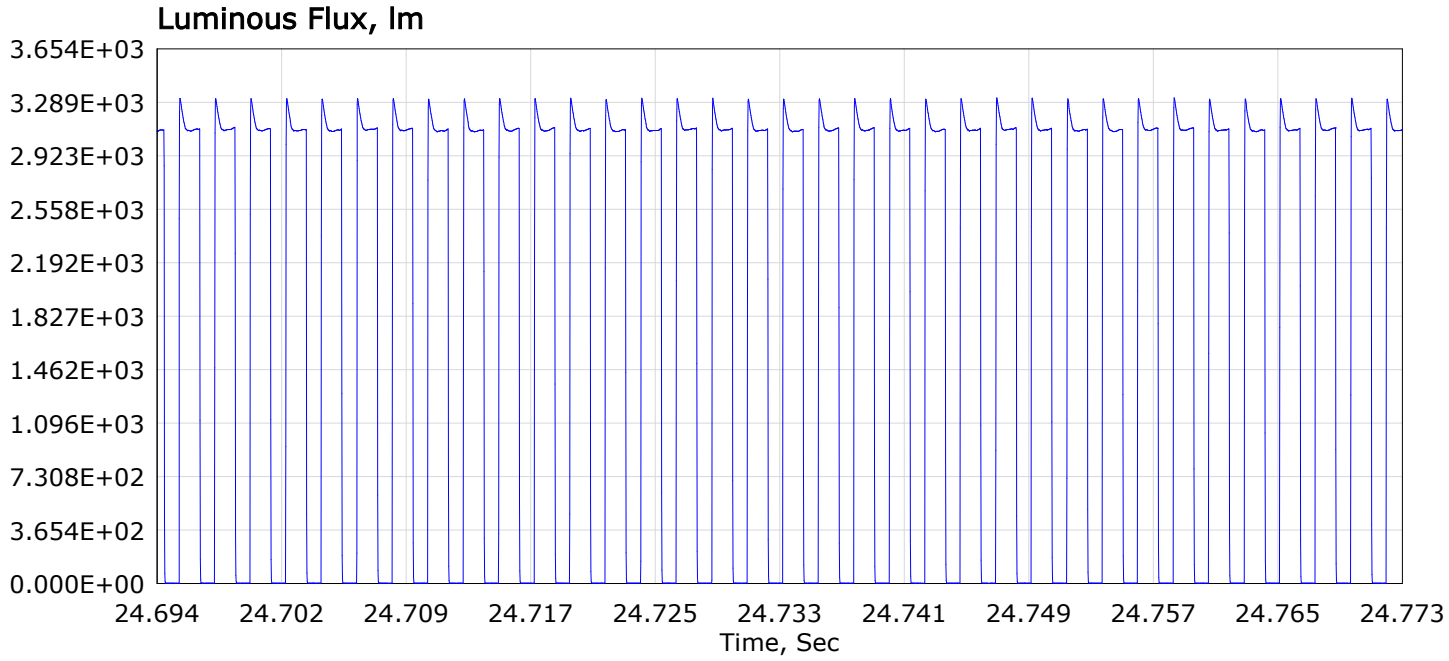
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driverV

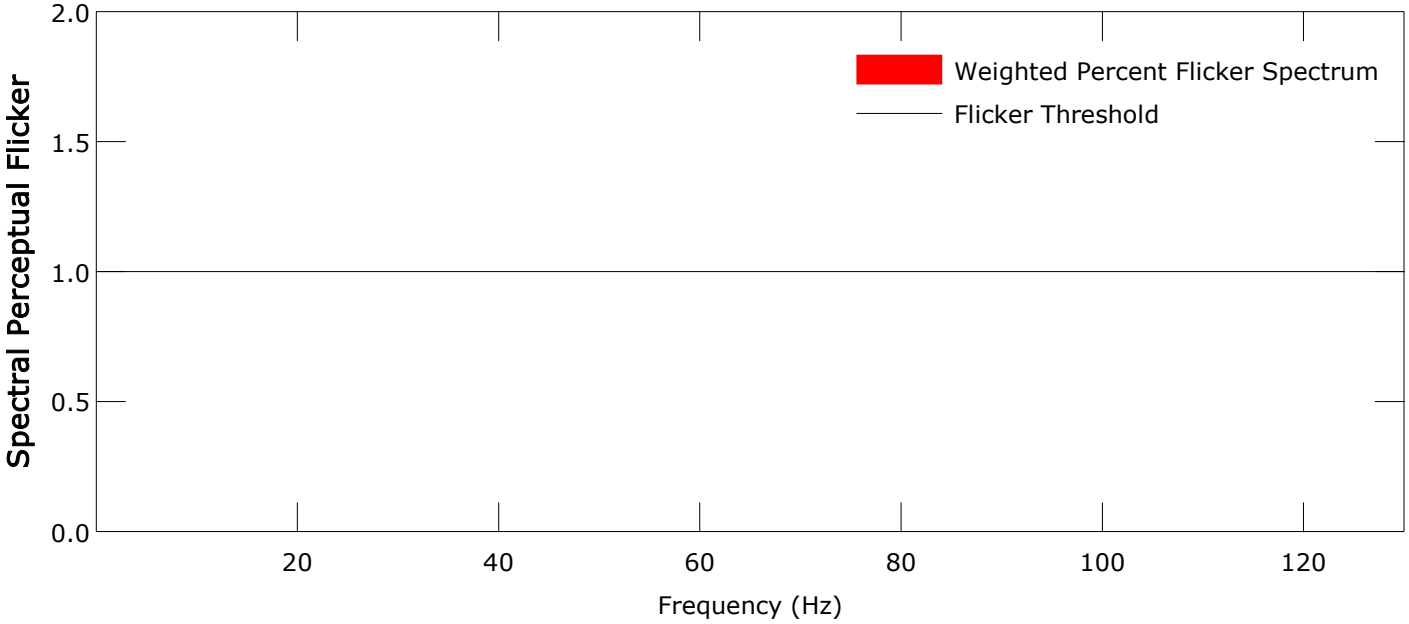
Manufacturer: China Factory
Number:
Comments: 50% brightness level

## Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 444.585 Hz
Maximum: 3321.871 lm
Flicker Index: 0.415
PstLM: 0.122

Average: 1816.890 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,M33529,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:25:02
Testing Environment: 26.4 °C, 62.1%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

# Test Report for IEEE Std1789

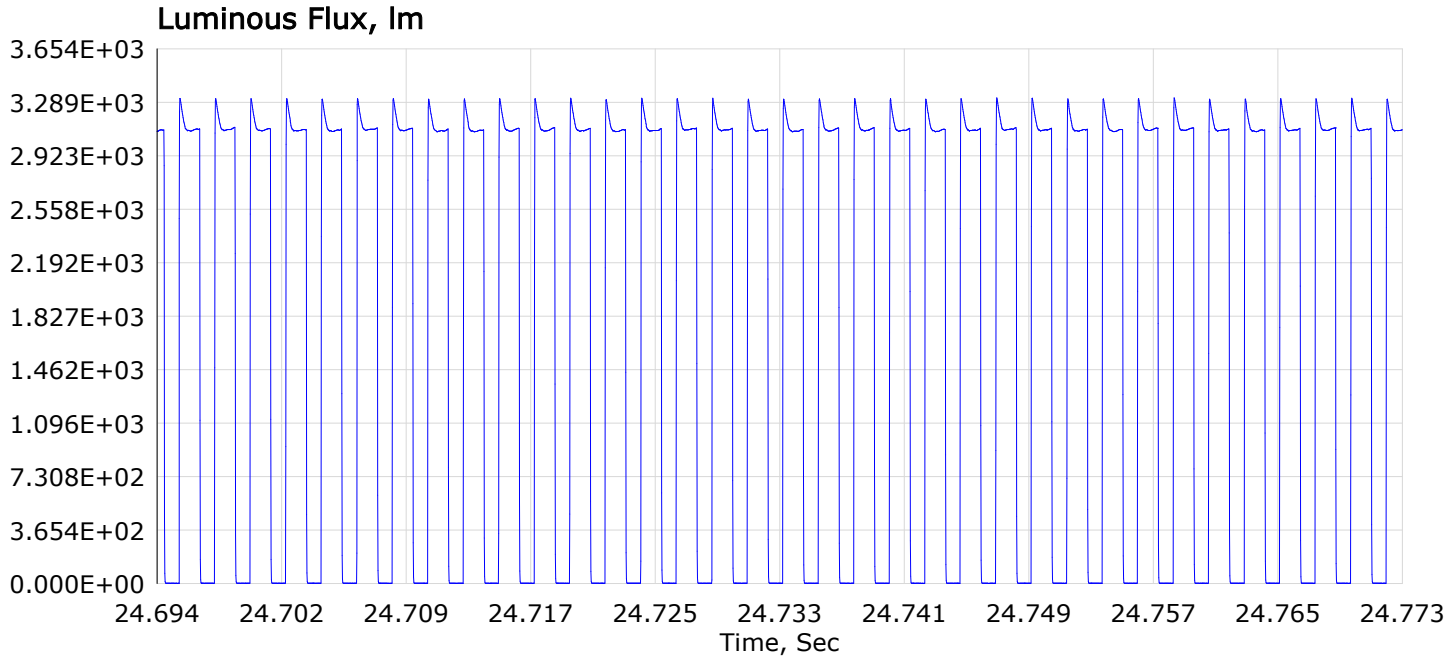
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

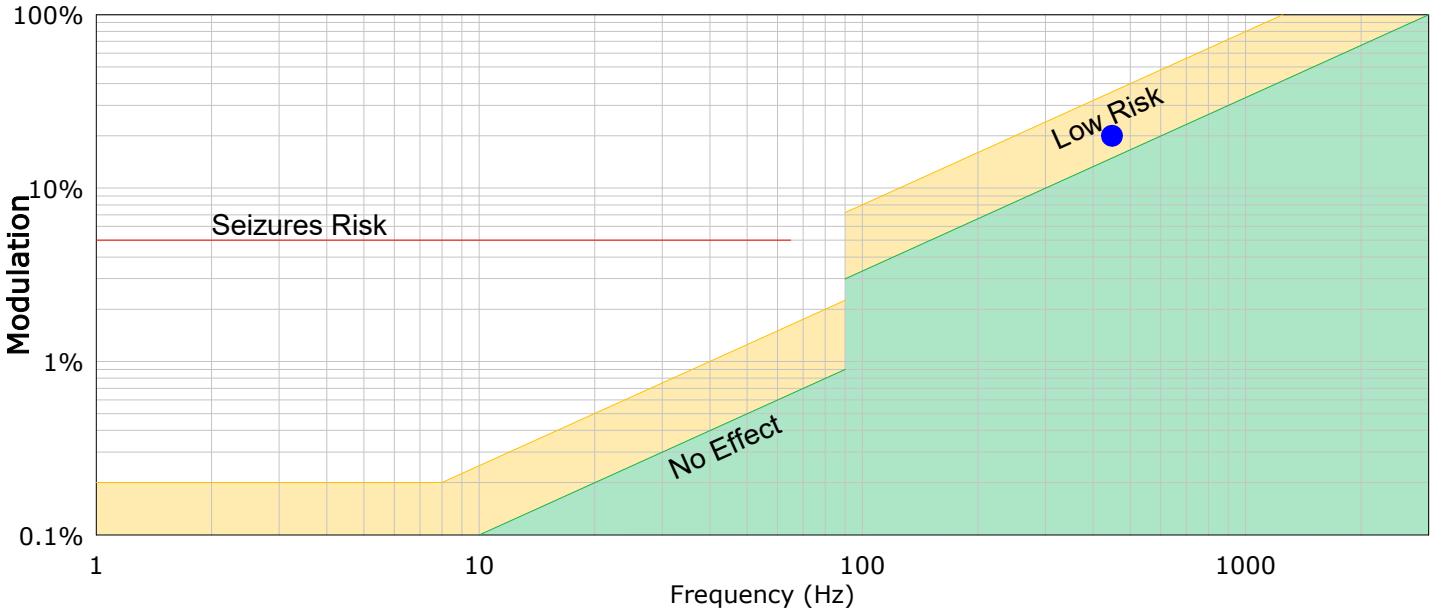
Manufacturer: China Factory
Number:
Comments: 50% brightness level

## Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 444.585 Hz
Maximum: 3321.871 lm
Flicker Index: 0.415
NM1: 0.519,  NM2: 1.369

Average: 1816.890 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,M33529,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:25:02
Testing Environment: 26.4 °C, 62.1%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015