Test Report for Flicker

Report ID: Strobe test5
Catalog: ELED-40-C300/1400DP2
Description: worked with DC-DC LED strip 500mA 14W
Manufacturer: China Factory
Number: no5
Comments: 5% brightness level

Test Results

Power Supply: U=120.0V, F=60.00Hz, Voltage Modulation: No

Basic

Frequency: 1300.114 Hz
Average: 9.077 lm
Maximum: 9.711 lm
Minimum: 8.403 lm

IEC-Pst

PstLM: 0.039
Evaluate: Acceptable

CIE SVM

SVM: 0.030
Visibility: Not Visibile

IEEE Std 1789

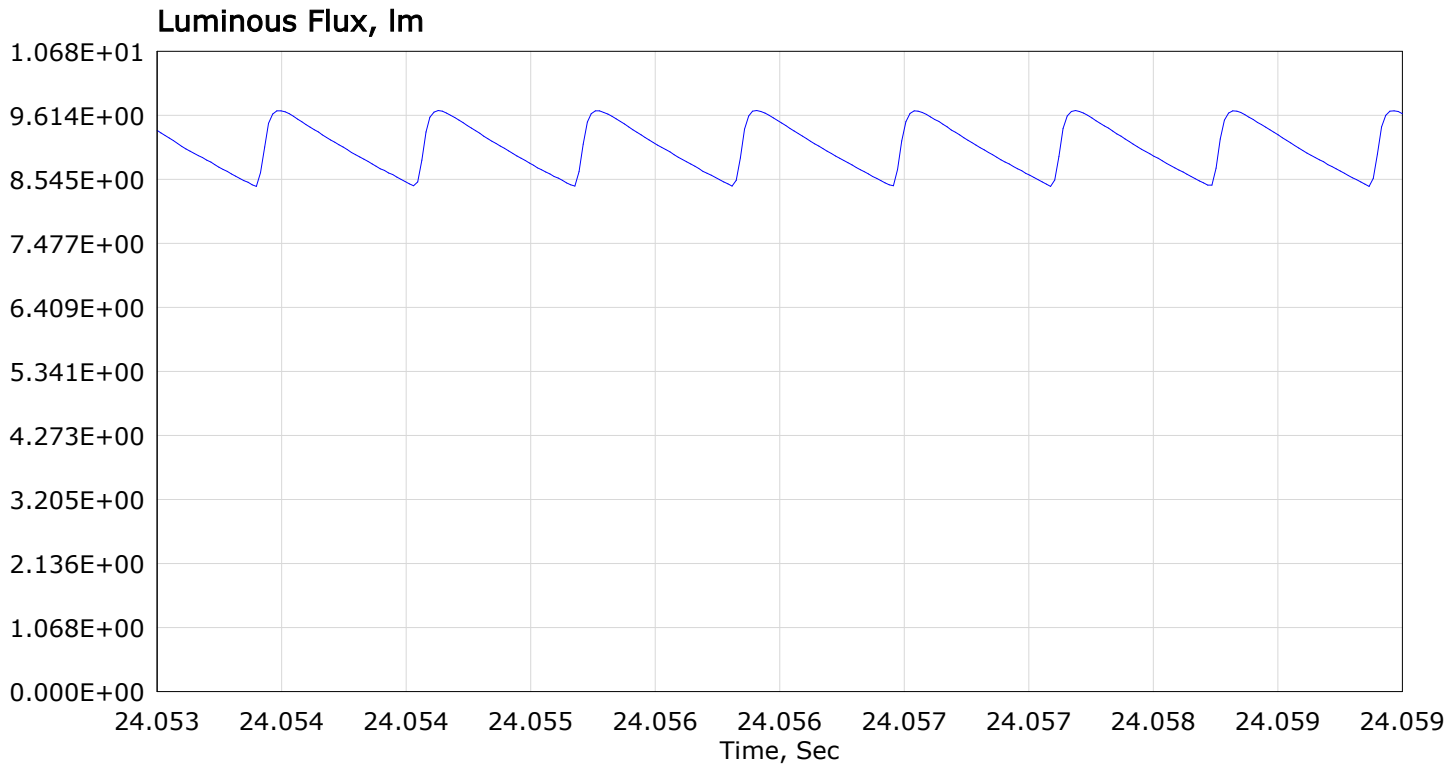
NM1: 0.000
Modulation: 6.946%
NM2: 0.066
Risk Level: No Effect

ASSIST

Flicker Index: 0.019
Percent Flicker: 6.946%
Mp: 0.027
Dp: 0.419%
d: 12.708%
a: 2.110
fb: -34.703 Hz
Evaluate: Very acceptable

CA CEC

PAM: 6.946%
PAM(40Hz): 0.102%
PAM(90Hz): 0.120%
PAM(200Hz): 0.126%
PAM(400Hz): 0.135%
PAM(1000Hz): 0.144%



Test Lab: Ecopac(UK)Power Ltd
Test Equipment: LFM-5000
Operator: ZL
Test Time: 2026-07-28 15:58:59
Photometric Type: Luminous Flux
Testing Environment: 28.0 °C, 64.2%
Sample Rate: 50 KS/s
Sample Duration: 60.0 S
Signal: P4,M9765,
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

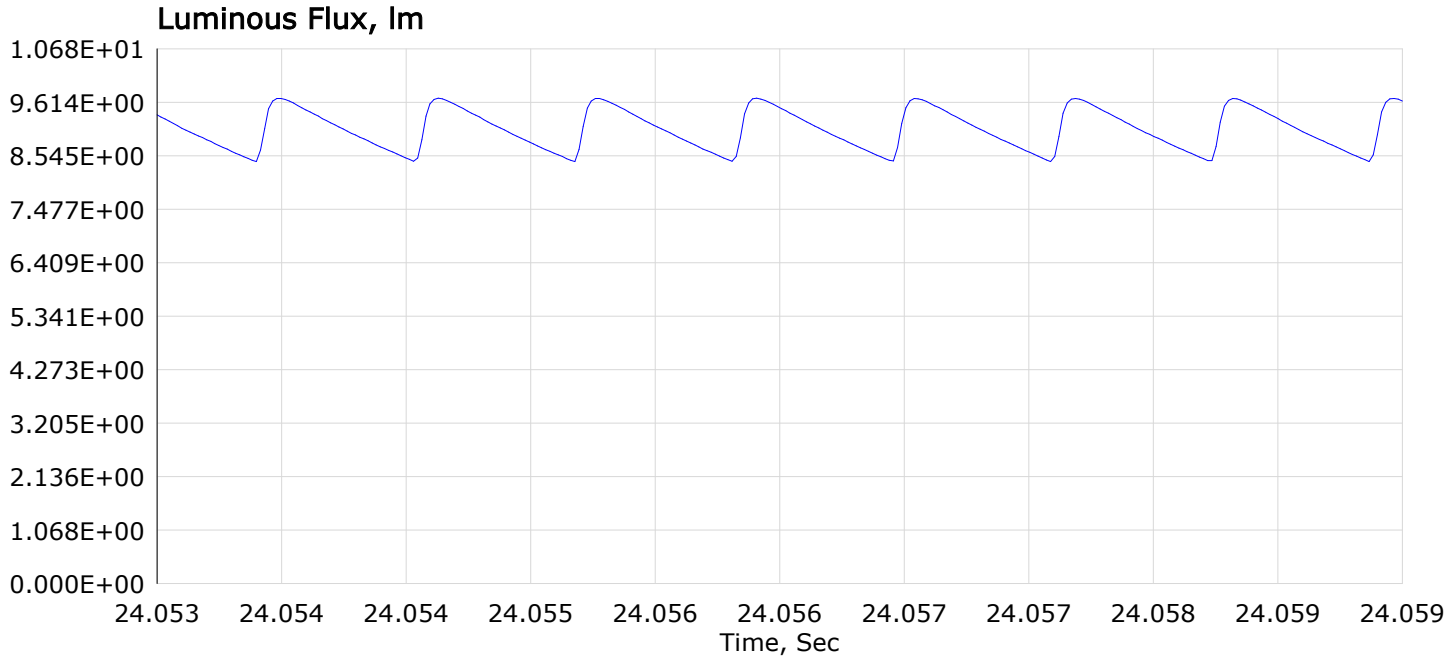
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Catalog: ELED-40-C300/1400DP2
Description: worked with DC-DC LED strip 500mA 14W

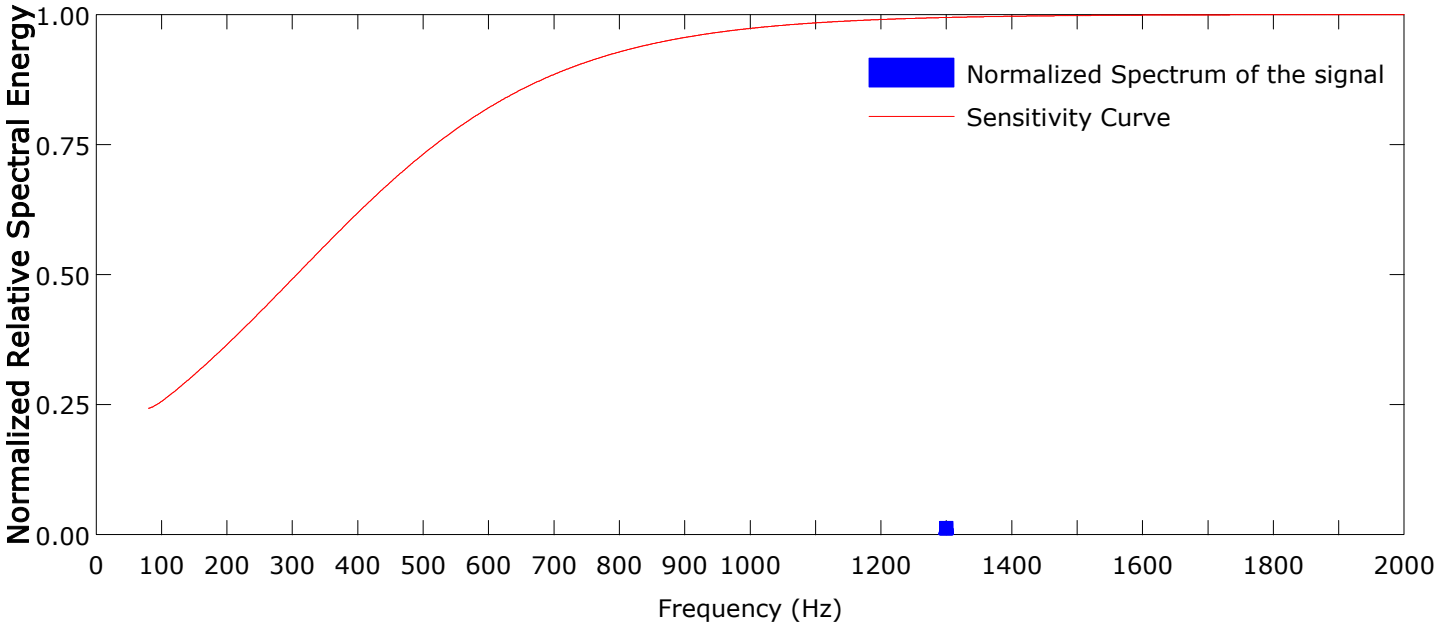
Manufacturer: China Factory
Number: no5
Comments: 5% brightness level

Test Results

Power Supply: U=120.0V, F=60.00Hz, Voltage Modulation: No
Frequency: 1300.114 Hz
Maximum: 9.711 lm
Flicker Index: 0.019
SVM: 0.030

Average: 9.077 lm
Minimum: 8.403 lm
Modulation: 6.946%
Visibility: Not Visibile





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P4,M9765,

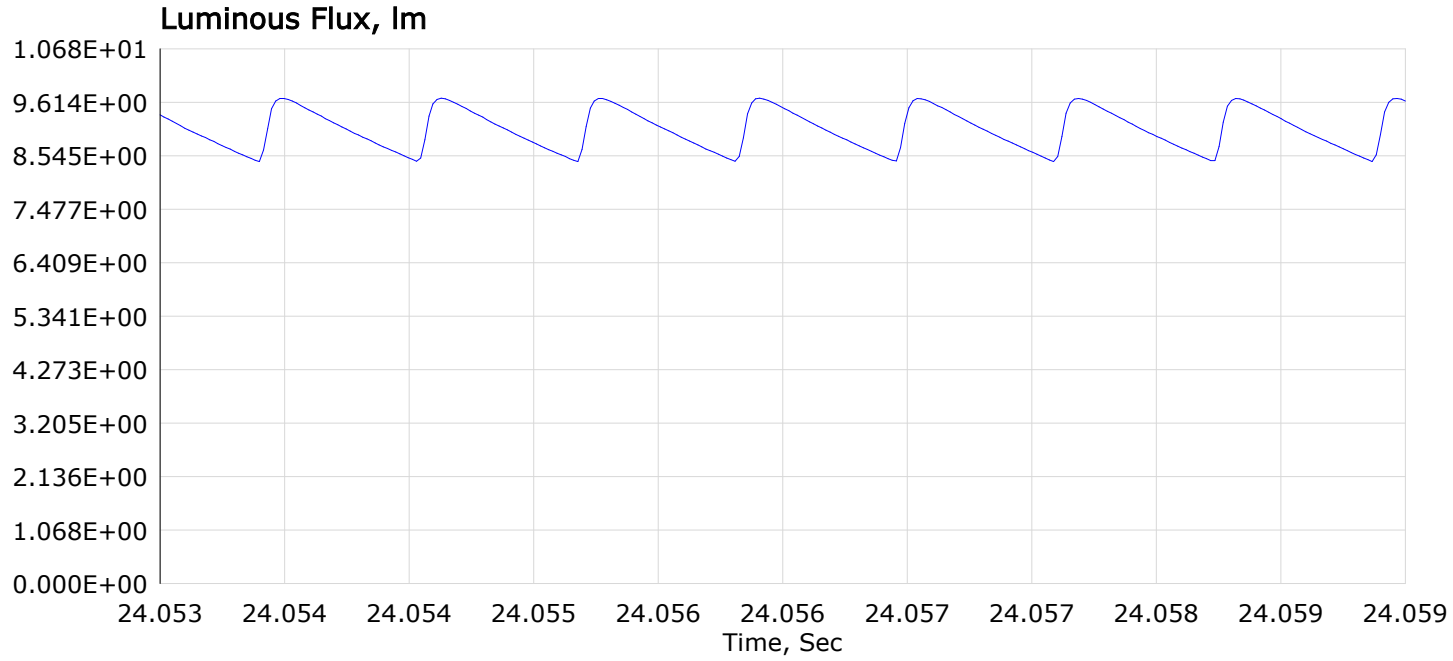
Test Equipment: LFM-5000
Test Time: 2026-07-28 15:58:59
Testing Environment: 28.0 °C, 64.2%
Sample Duration: 60.0 S
According: CIE TN 006:2016

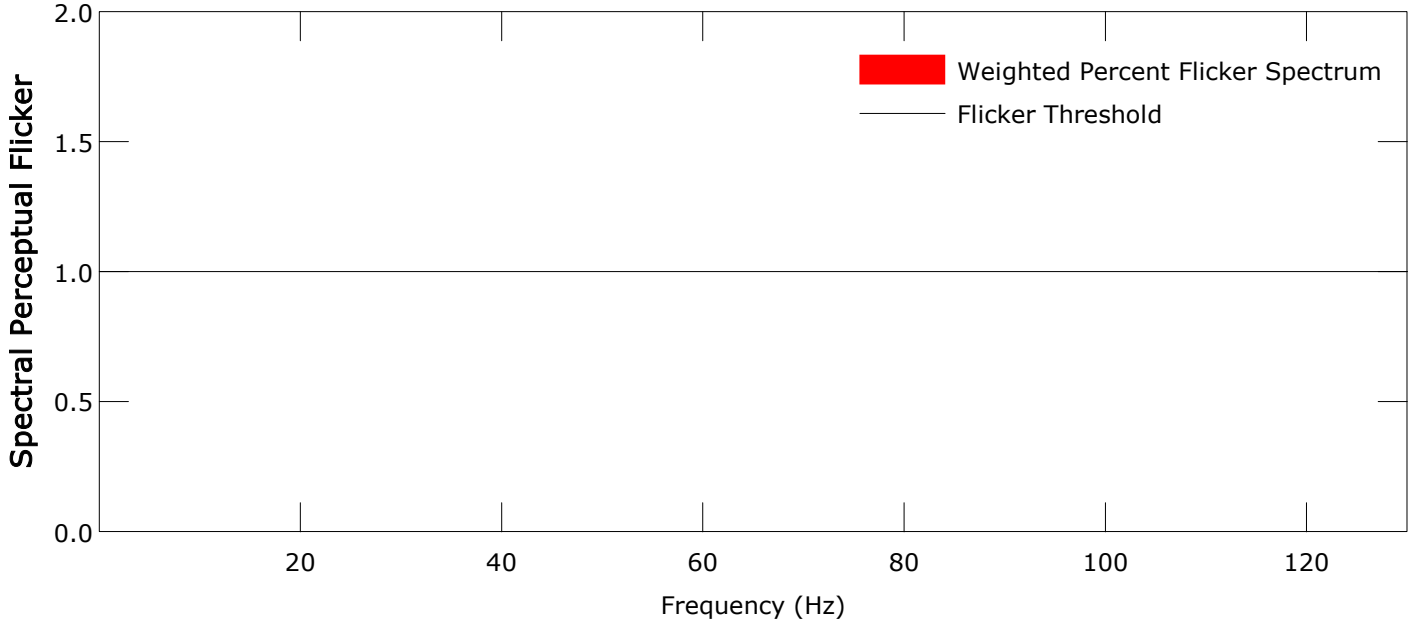
Test Report for IEC Pst

Report ID: Strobe test5
Catalog: ELED-40-C300/1400DP2
Description: worked with DC-DC LED strip 500mA 14W
Manufacturer: China Factory
Number: no5
Comments: 5% brightness level

Test Results

Power Supply: U=120.0V, F=60.00Hz, Voltage Modulation: No
Frequency: 1300.114 Hz
Maximum: 9.711 lm
Flicker Index: 0.019
PstLM: 0.039
Average: 9.077 lm
Minimum: 8.403 lm
Percent Flicker: 6.946%
Evaluate: Acceptable





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P4,M9765,
Test Equipment: LFM-5000
Test Time: 2026-07-28 15:58:59
Testing Environment: 28.0 °C, 64.2%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

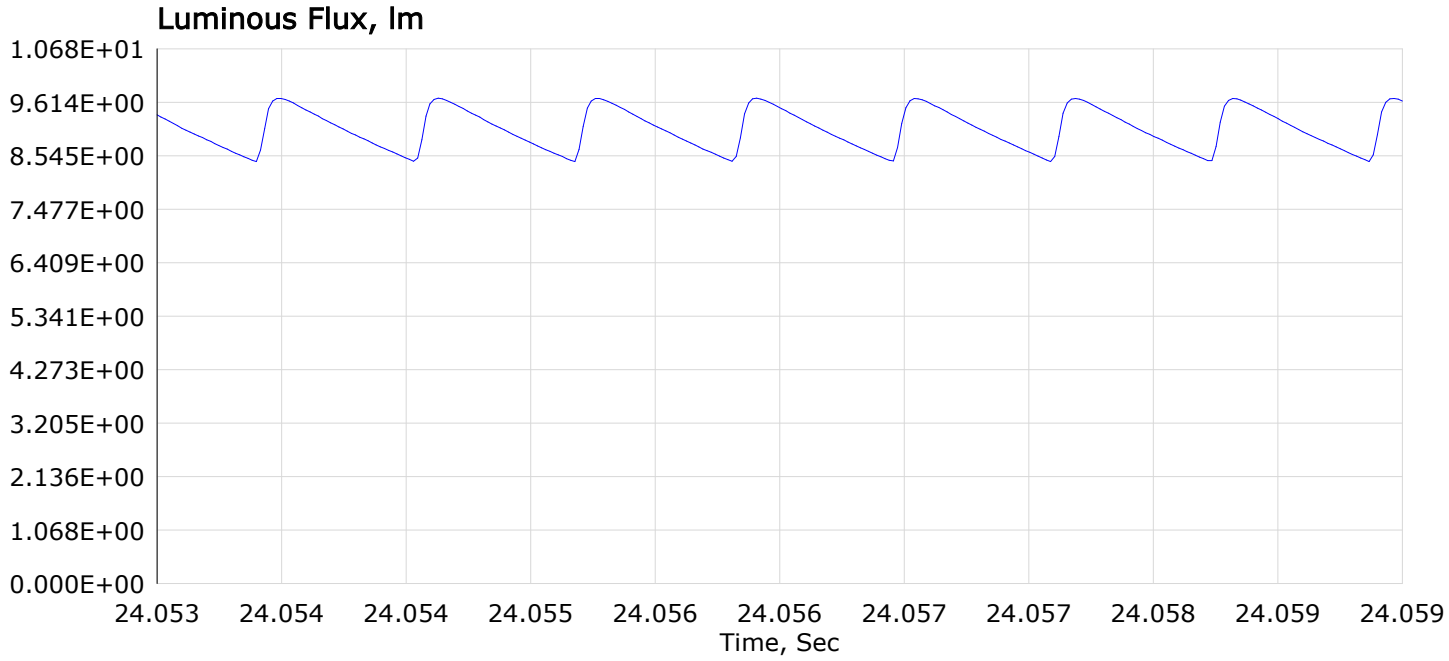
Report ID: Strobe test5
Catalog: ELED-40-C300/1400DP2
Description: worked with DC-DC LED strip 500mA 14W

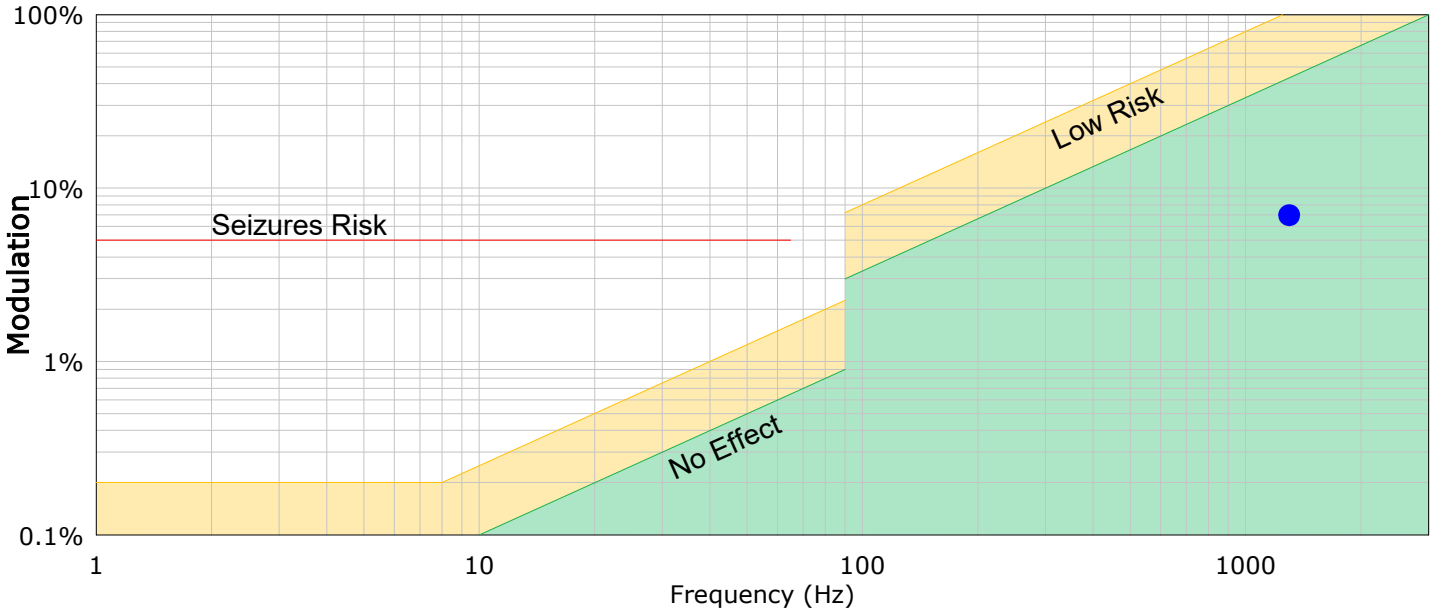
Manufacturer: China Factory
Number: no5
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Test Results

Power Supply: U=120.0V, F=60.00Hz, Voltage Modulation: No
Frequency: 1300.114 Hz
Maximum: 9.711 lm
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NM1: 0.000, NM2: 0.066

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Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P4,M9765,

Test Equipment: LFM-5000
Test Time: 2026-07-28 15:58:59
Testing Environment: 28.0 °C, 64.2%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015