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: 100% brightness level

Test Results

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

Basic

Frequency: 100.197 Hz
Average: 3227.906 lm
Maximum: 3246.820 lm
Minimum: 3203.891 lm

IEC-Pst

PstLM: 0.085
Evaluate: Acceptable

CIE SVM

SVM: 0.011
Visibility: Not Visibile

IEEE Std 1789

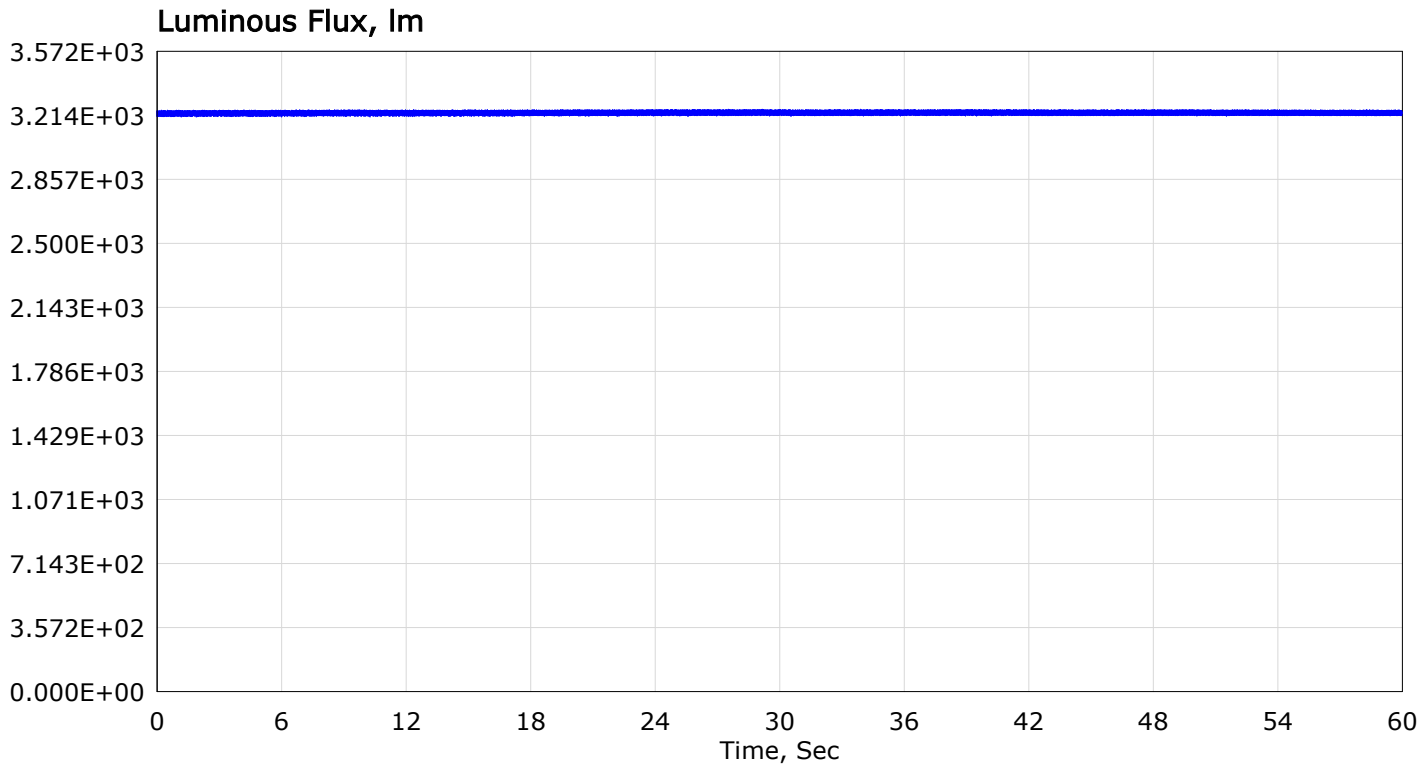
NM1: 0.038
Modulation: 0.411%
NM2: 0.090
Risk Level: No Effect

ASSIST

Flicker Index: 0.001
Percent Flicker: 0.411%
Mp: 0.065
Dp: 0.513%
d : NA
a : NA
fb: NA
Evaluate: NA

CA CEC

PAM: 0.411%
PAM(40Hz): 0.209%
PAM(90Hz): 0.246%
PAM(200Hz): 0.545%
PAM(400Hz): 0.555%
PAM(1000Hz): 0.591%



Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32772,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:23:03
Testing Environment: 26.0 °C, 59.9%
Sample Duration: 60.0 S
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

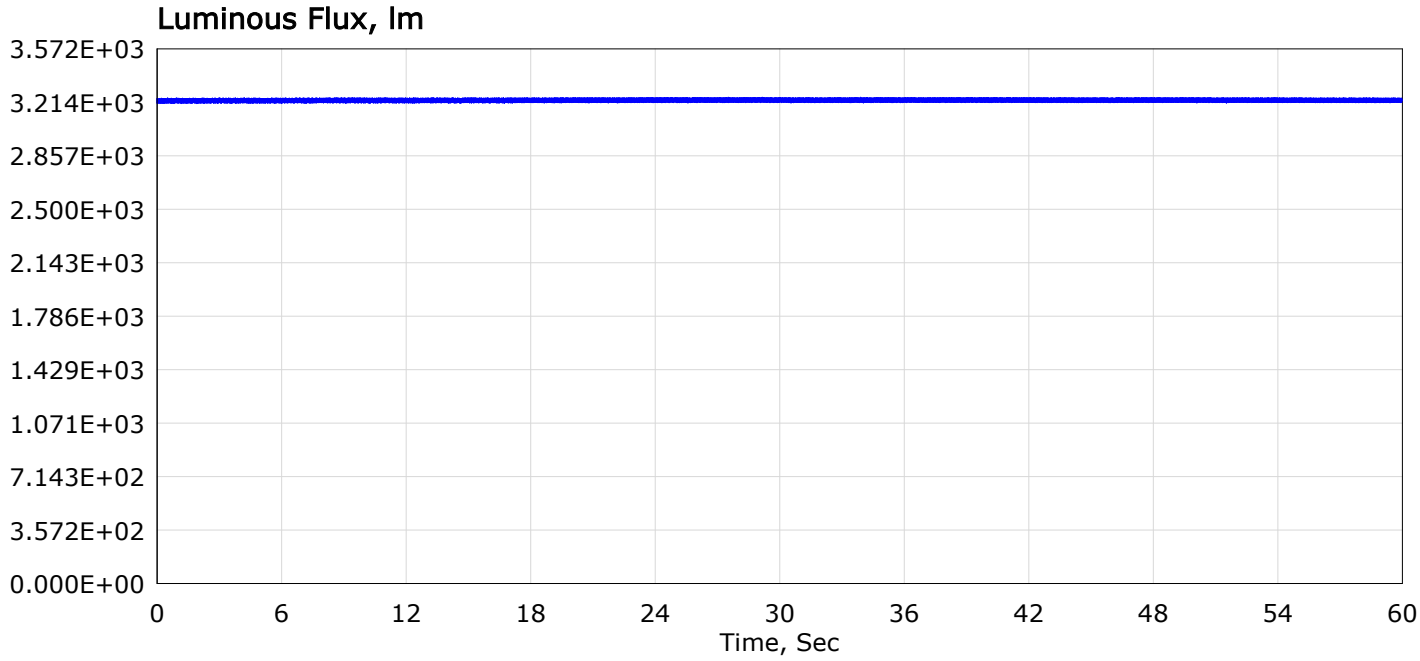
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

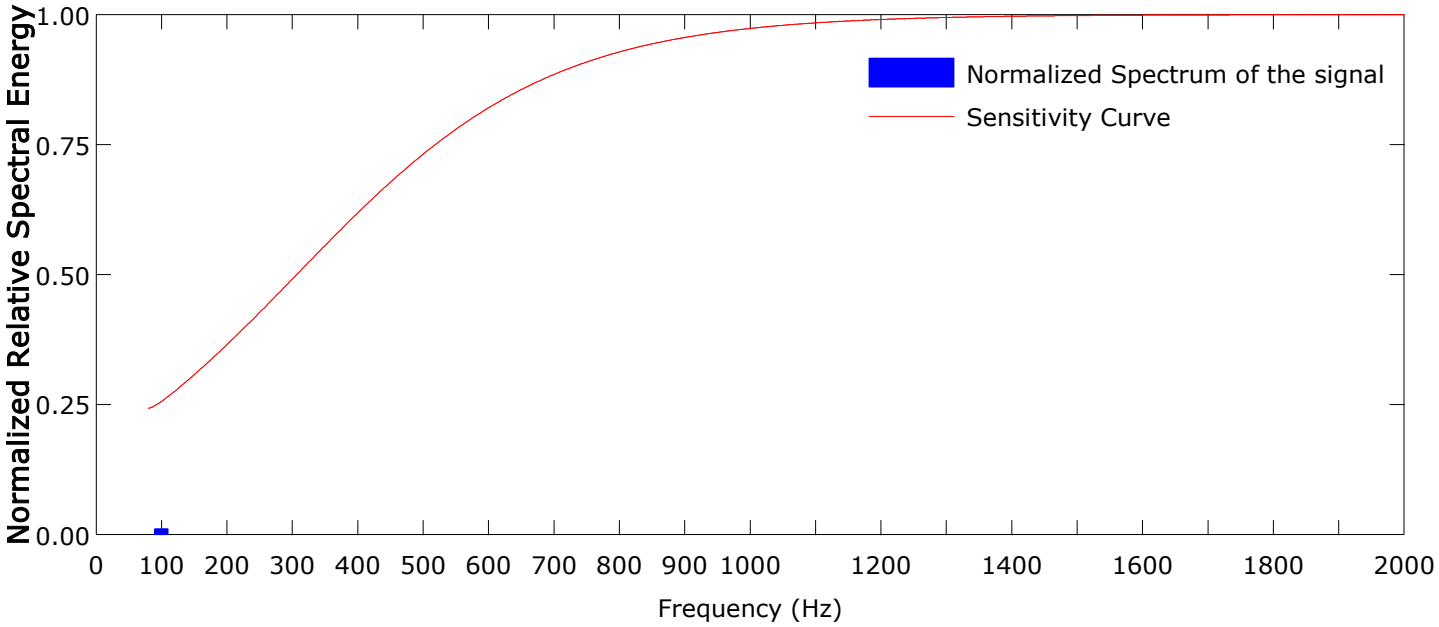
Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 100.197 Hz
Maximum: 3246.820 lm
Flicker Index: 0.001
SVM: 0.011

Average: 3227.906 lm
Minimum: 3203.891 lm
Modulation: 0.411%
Visibility: Not Visibile





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32772,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:23:03
Testing Environment: 26.0 °C, 59.9%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

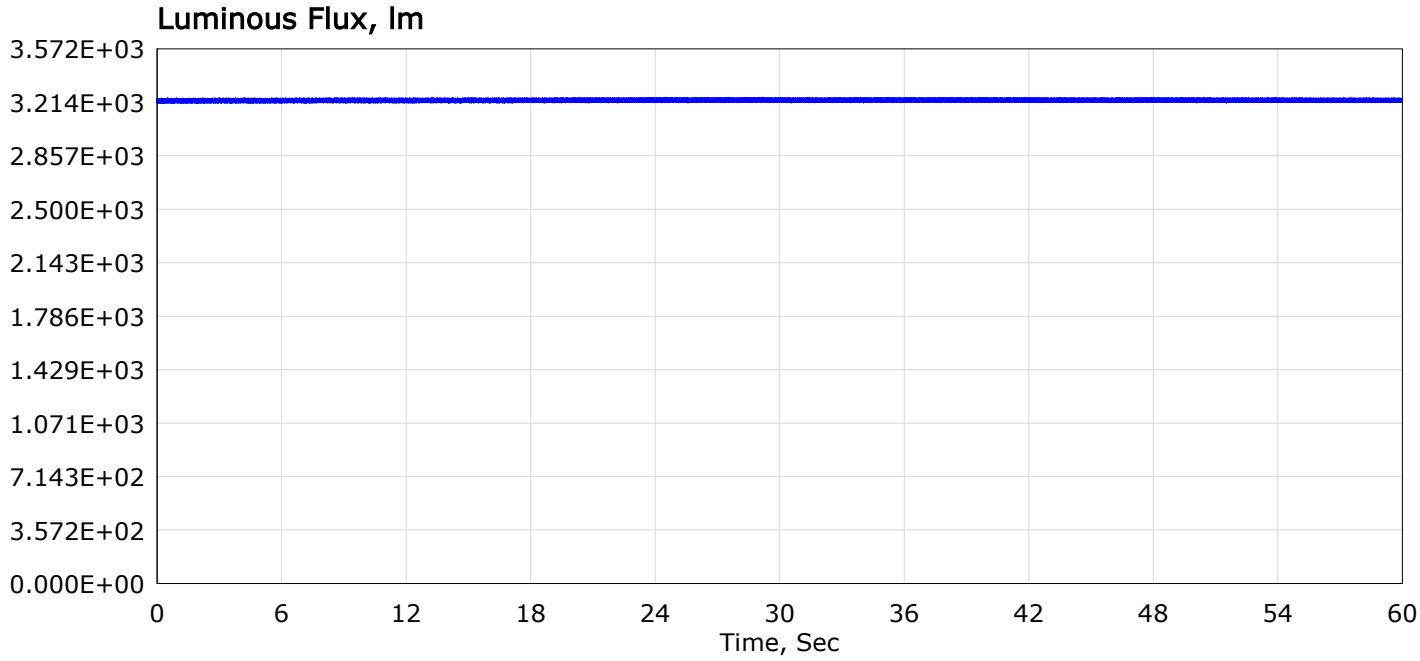
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

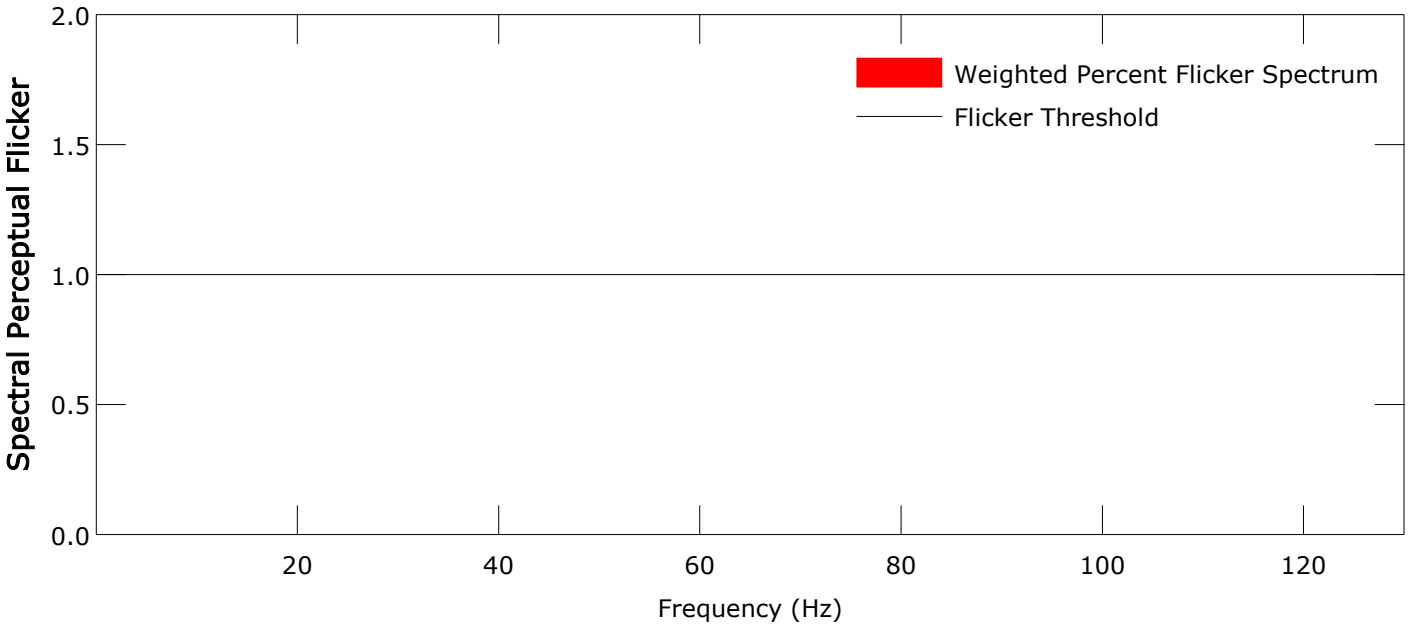
Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 100.197 Hz
Maximum: 3246.820 lm
Flicker Index: 0.001
PstLM: 0.085

Average: 3227.906 lm
Minimum: 3203.891 lm
Percent Flicker: 0.411%
Evaluate: Acceptable





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32772,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:23:03
Testing Environment: 26.0 °C, 59.9%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

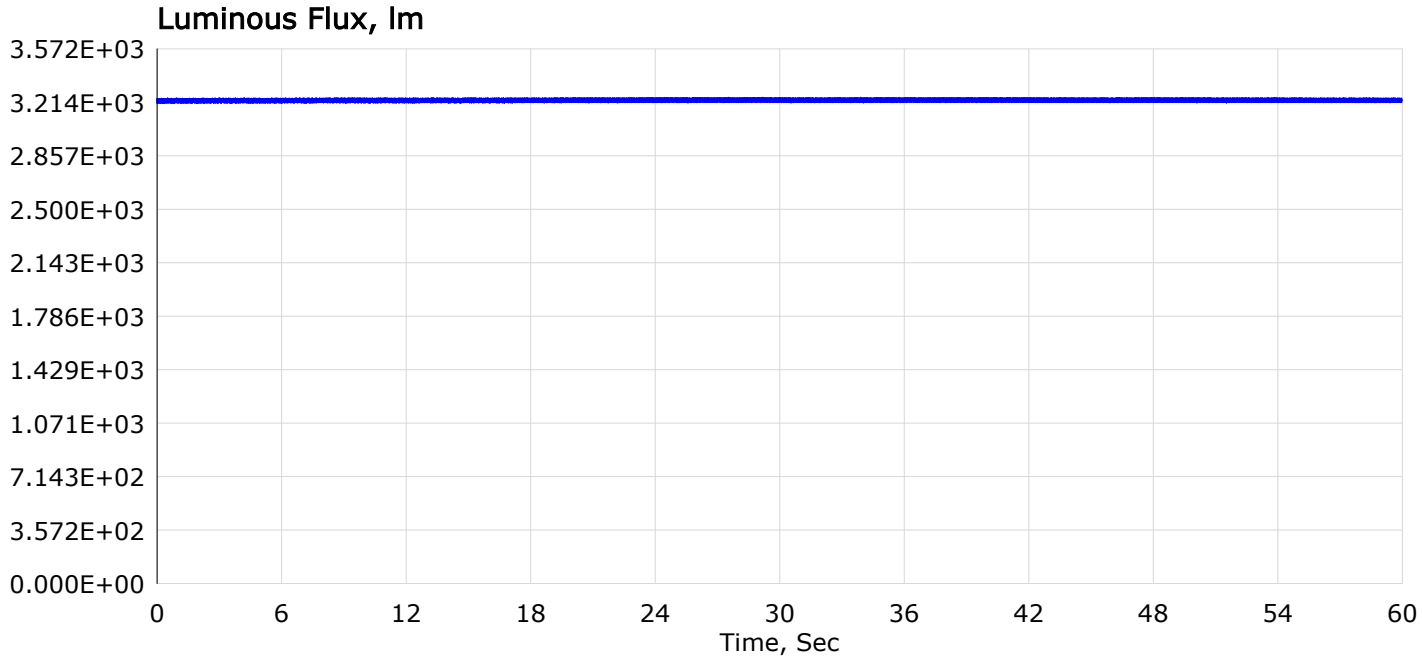
Report ID: Strobe test
Catalog: ELED-30-xT-SL(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

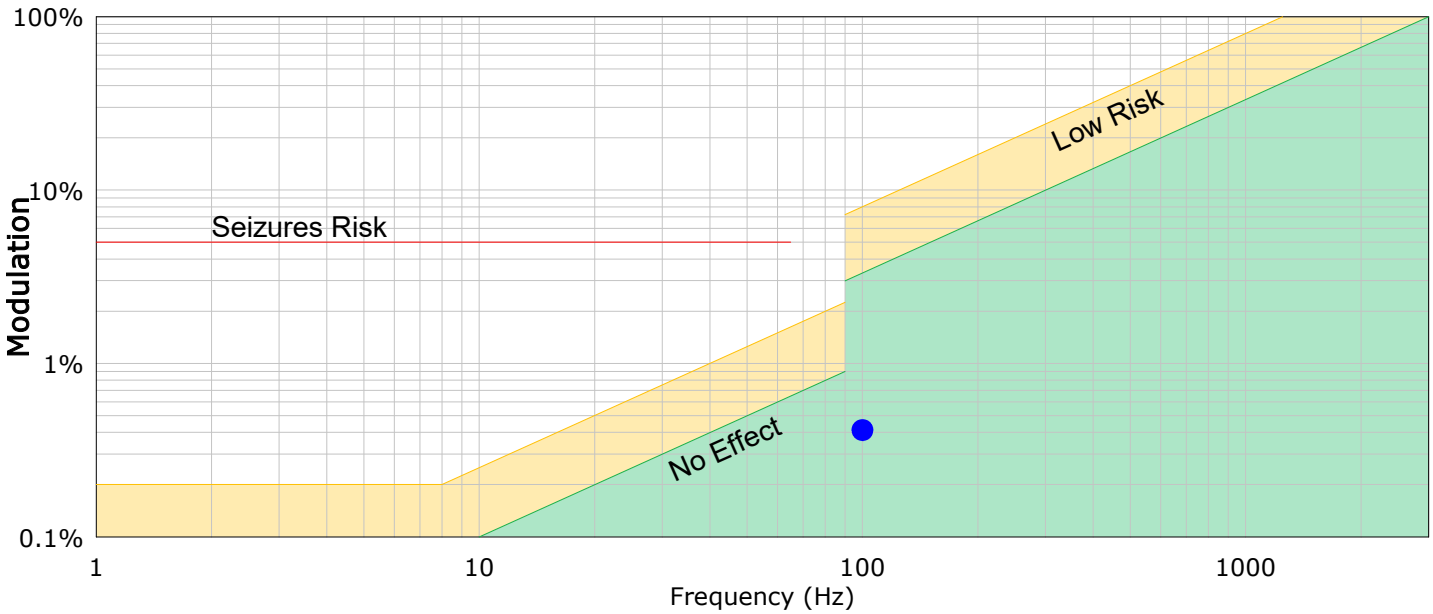
Manufacturer: China Factory
Number:
Comments: 100% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 100.197 Hz
Maximum: 3246.820 lm
Flicker Index: 0.001
NM1: 0.038, NM2: 0.090

Average: 3227.906 lm
Minimum: 3203.891 lm
Modulation: 0.411%
Risk Level: No Effect





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M32772,

Test Equipment: LFM-5000
Test Time: 2026-08-11 10:23:03
Testing Environment: 26.0 °C, 59.9%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015