Test Report for Flicker

Report ID: Strobe test
Catalog: ELED-300P-xT(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: 425.726 Hz
Average: 205.981 lm
Maximum: 4294.567 lm
Minimum: 0.000 lm

IEC-Pst

PstLM: 0.765
Evaluate: Acceptable

CIE SVM

SVM: 1.042
Visibility: Visibile

IEEE Std 1789

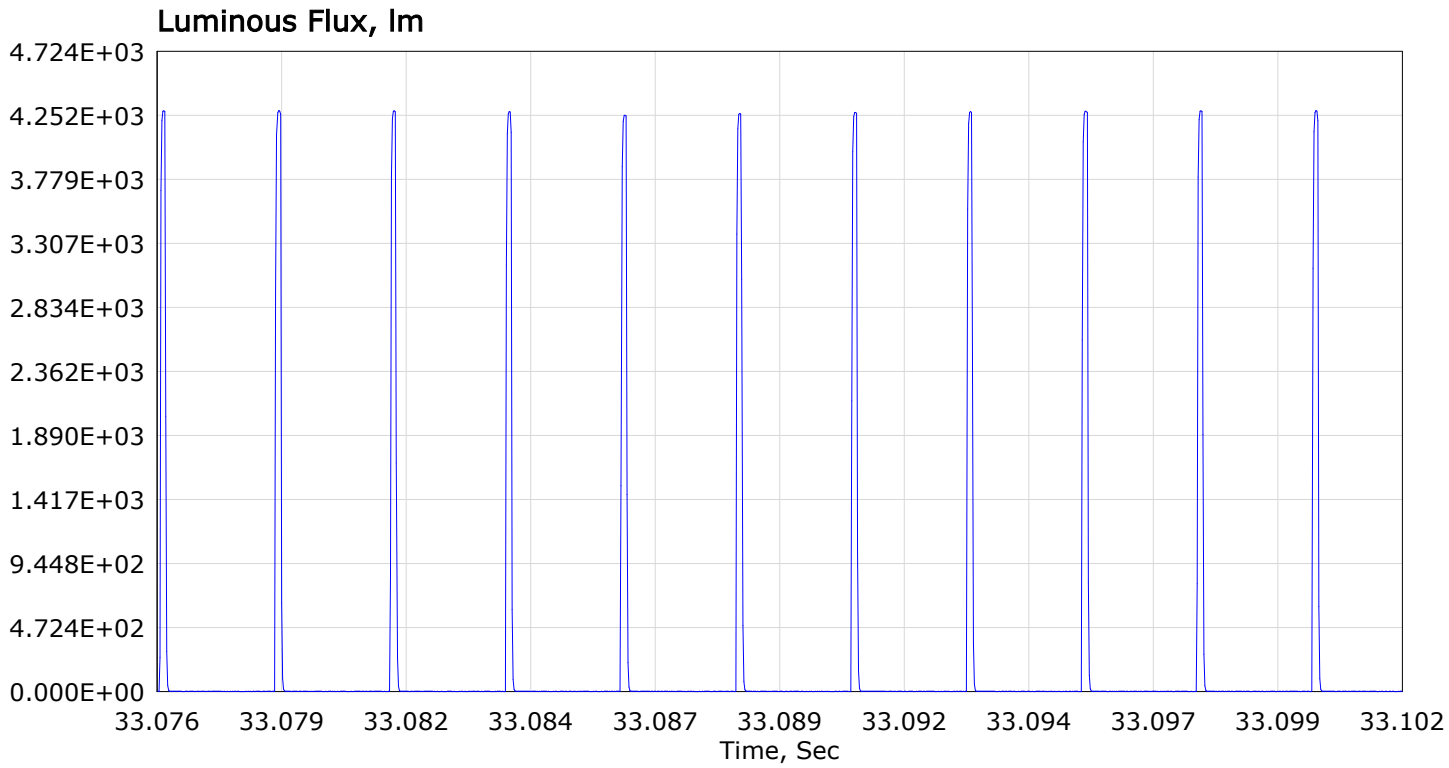
NM1: 2.475
Modulation: 100.000%
NM2: 8.281
Risk Level: High Risk

ASSIST

Flicker Index: 0.933
Percent Flicker: 100.000%
Mp: 0.535
Dp: 6.144%
d: 76.085%
a: 0.977
fb: 146.236 Hz
Evaluate: Neutral

CA CEC

PAM: 100.000%
PAM(40Hz): 1.398%
PAM(90Hz): 2.233%
PAM(200Hz): 5.949%
PAM(400Hz): 8.881%
PAM(1000Hz): 100.000%



Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M43340,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:25:02
Testing Environment: 26.5 °C, 59.5%
Sample Duration: 60.0 S
According: IESNA 2000, CIE TN 006, etc

Test Report for CIE SVM

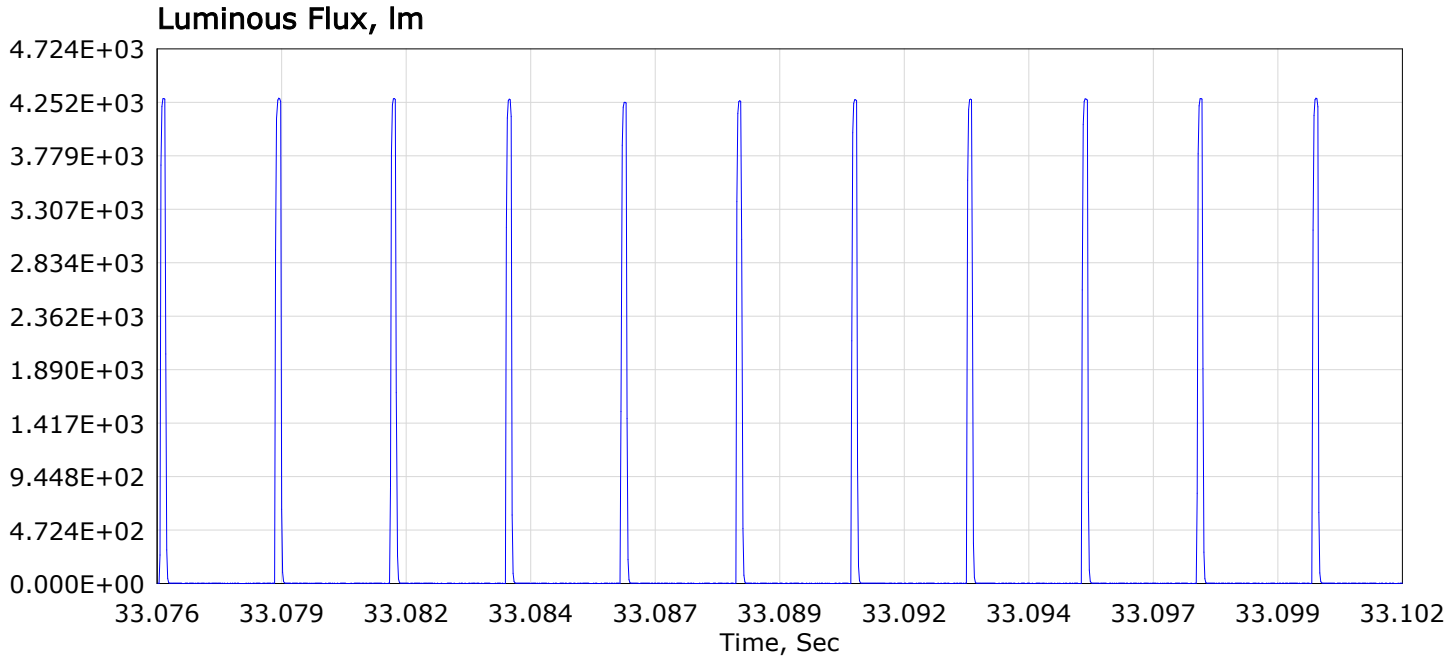
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

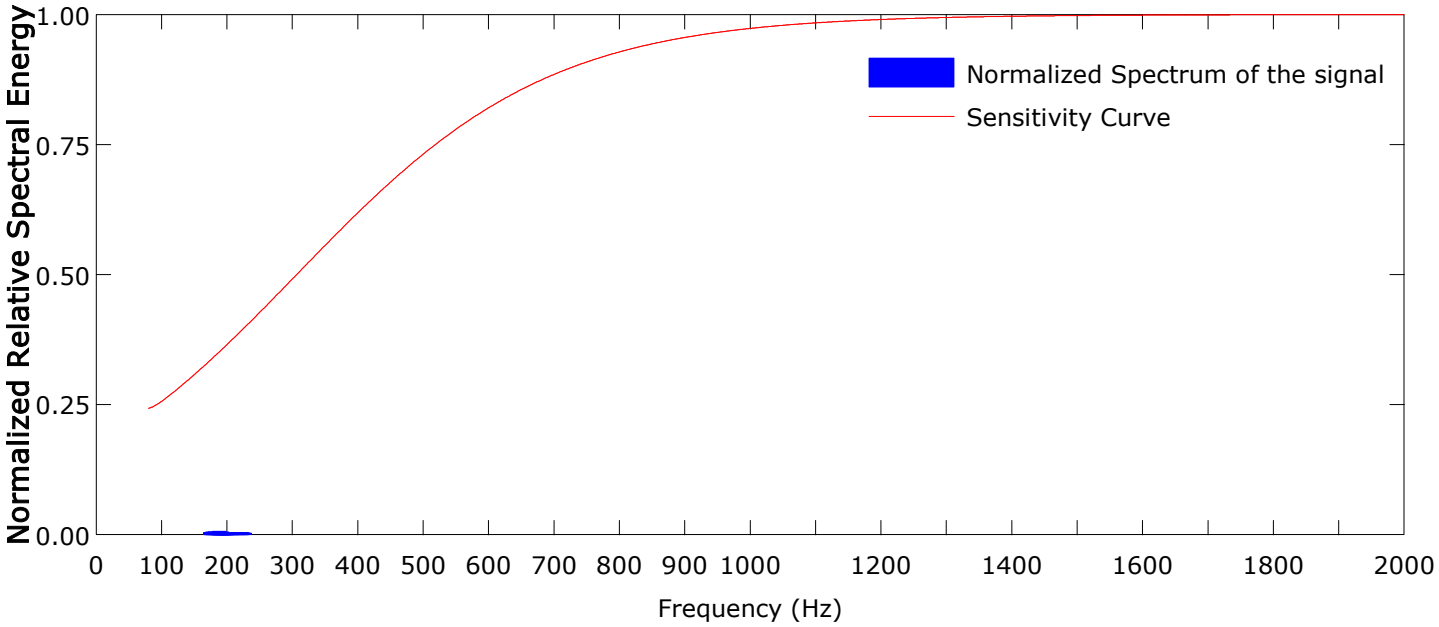
Manufacturer: China Factory
Number:
Comments: 5% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 425.726 Hz
Maximum: 4294.567 lm
Flicker Index: 0.933
SVM: 1.042

Average: 205.981 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,M43340,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:25:02
Testing Environment: 26.5 °C, 59.5%
Sample Duration: 60.0 S
According: CIE TN 006:2016

Test Report for IEC Pst

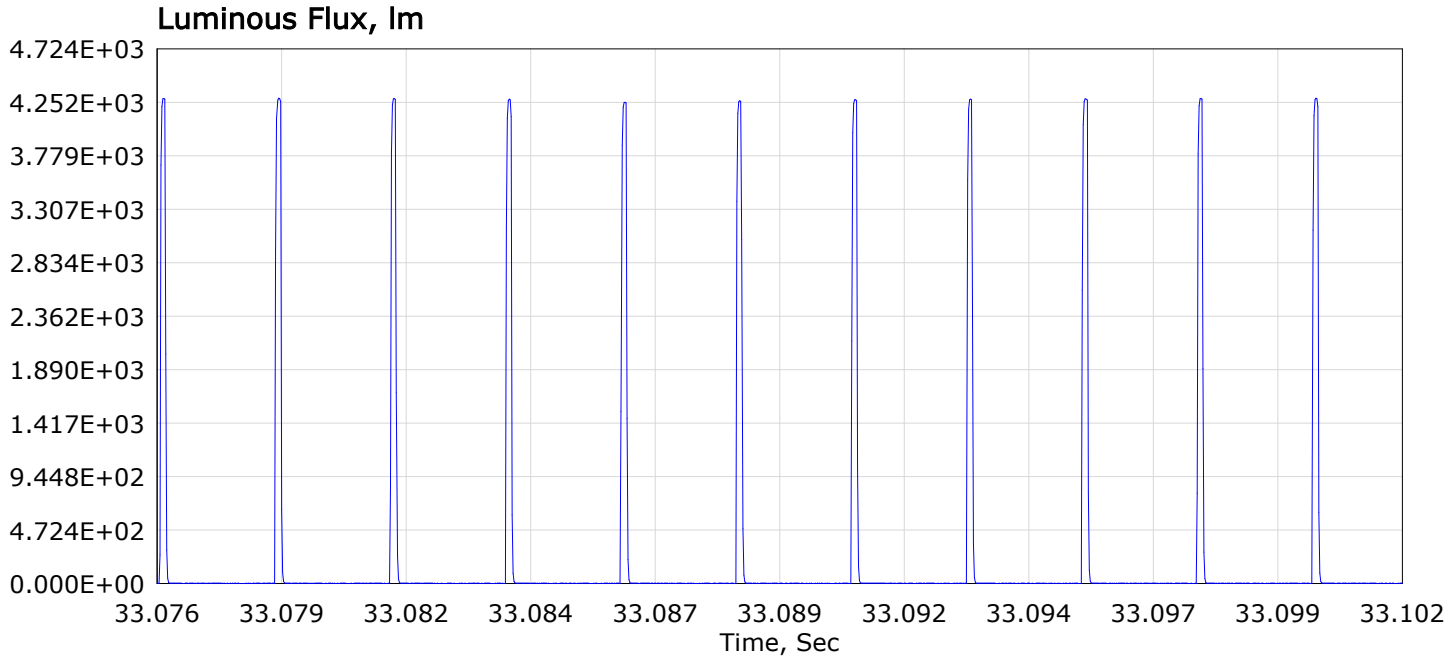
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

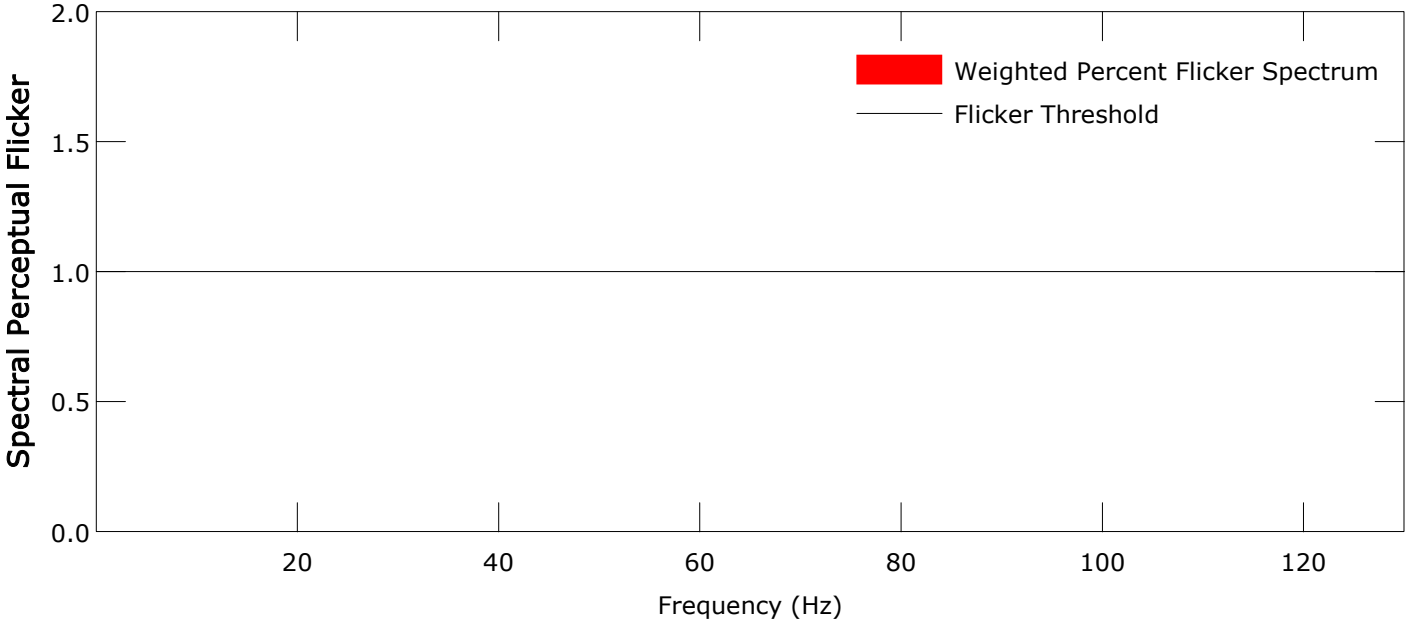
Manufacturer: China Factory
Number:
Comments: 5% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 425.726 Hz
Maximum: 4294.567 lm
Flicker Index: 0.933
PstLM: 0.765

Average: 205.981 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,M43340,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:25:02
Testing Environment: 26.5 °C, 59.5%
Sample Duration: 60.0 S
According: IEC TR 61547-1:2020

Test Report for IEEE Std1789

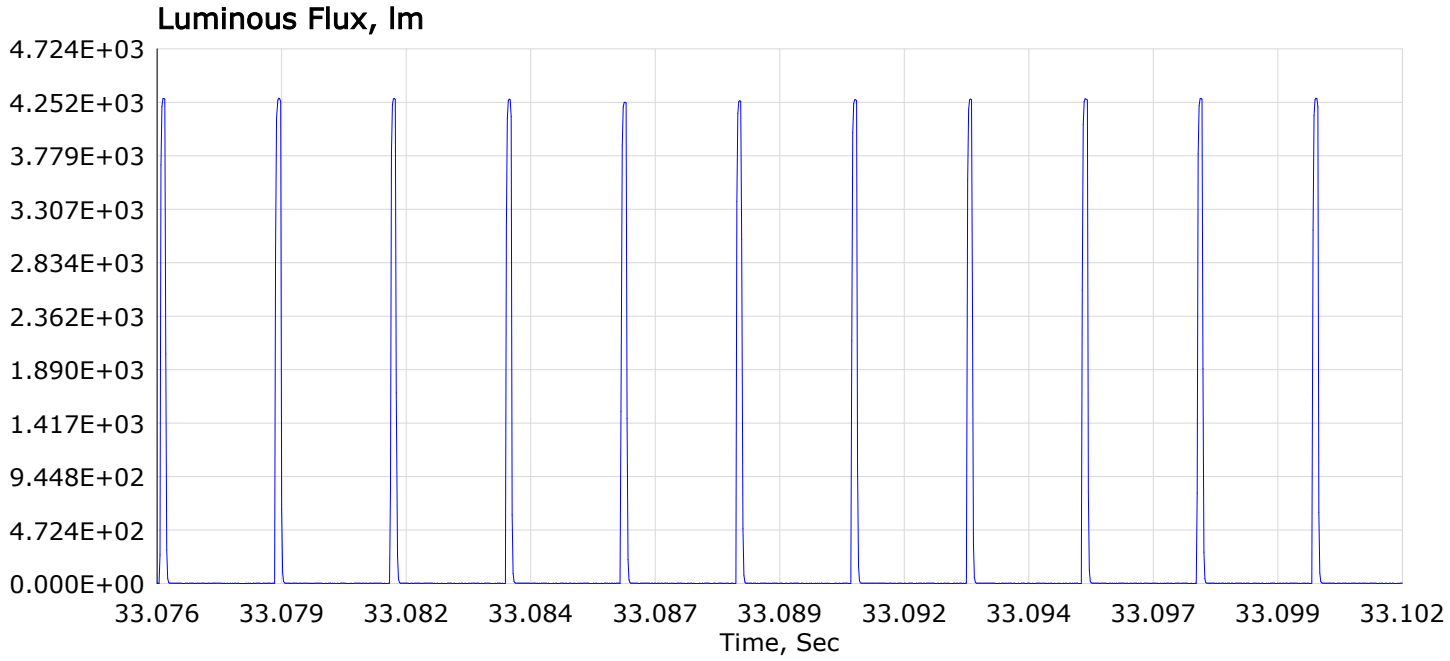
Report ID: Strobe test
Catalog: ELED-300P-xT(x=12,24 or 48)
Description: worked with regular and appropriate LED strip according to tested LED driver

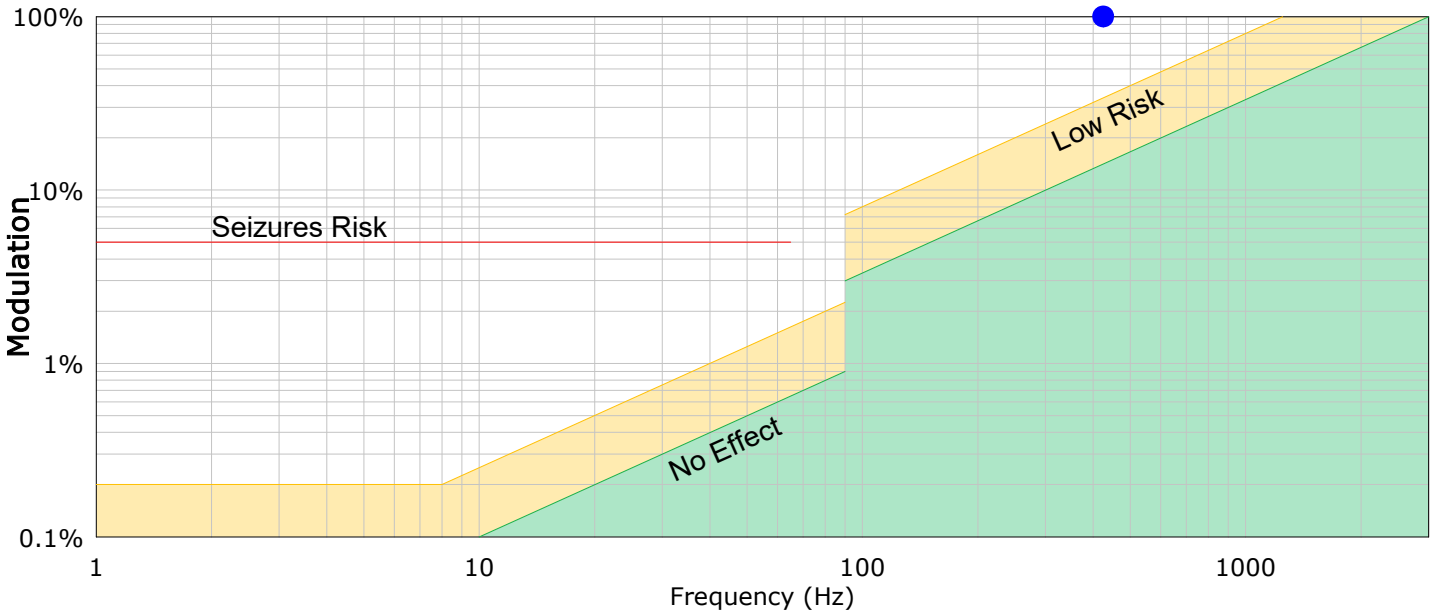
Manufacturer: China Factory
Number:
Comments: 5% brightness level

Test Results

Power Supply: U=230.0V, F=50.00Hz, Voltage Modulation: No
Frequency: 425.726 Hz
Maximum: 4294.567 lm
Flicker Index: 0.933
NM1: 2.475, NM2: 8.281

Average: 205.981 lm
Minimum: 0.000 lm
Modulation: 100.000%
Risk Level: High Risk





Test Lab: Ecopac(UK)Power Ltd
Operator: ZL
Photometric Type: Luminous Flux
Sample Rate: 50 KS/s
Signal: P2,M43340,

Test Equipment: LFM-5000
Test Time: 2026-08-10 17:25:02
Testing Environment: 26.5 °C, 59.5%
Sample Duration: 60.0 S
According: IEEE Std 1789-2015