# Flicker Test Report

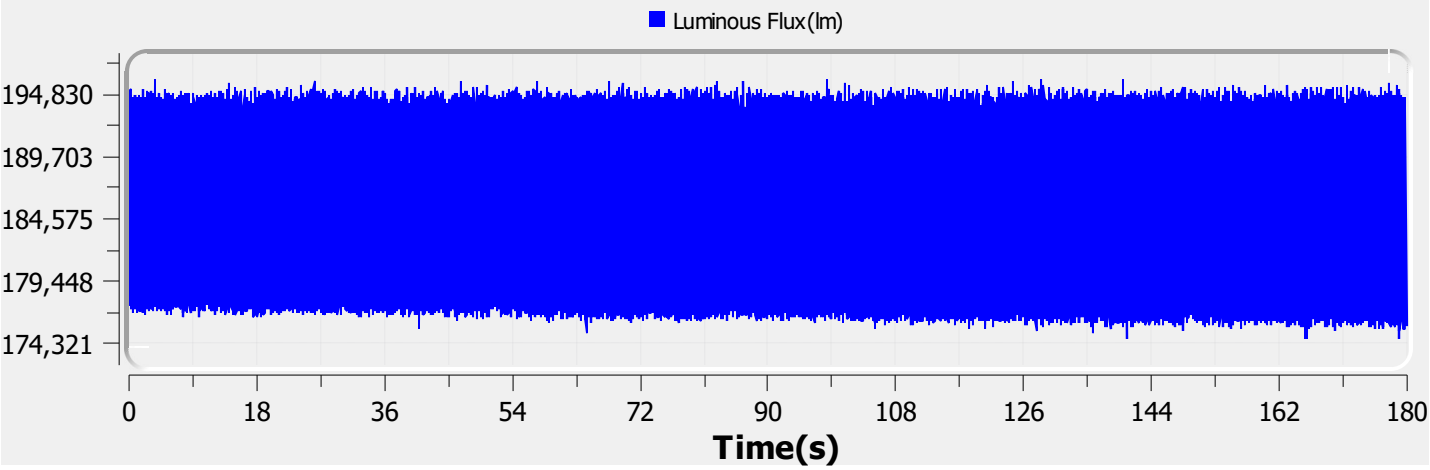
## Test condition

**Photometric Type:** Luminous Flux(lm) **Test range:** Range2 **Sampling Mode:** Software

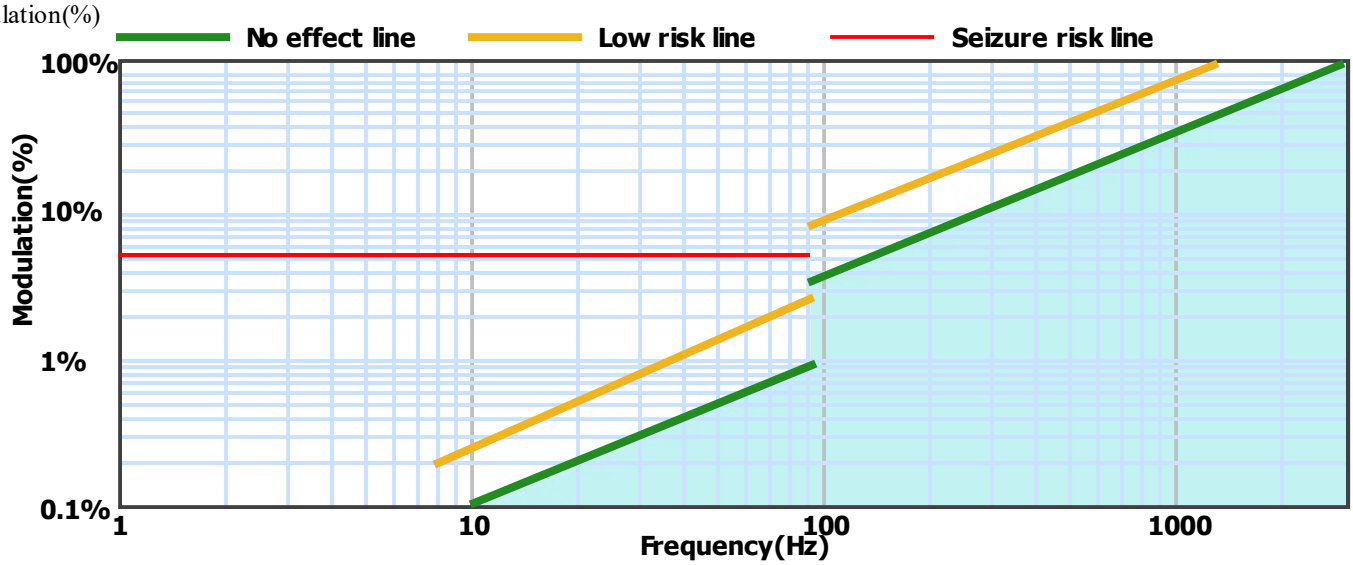
**Samplerate:** 20 kS/s **Sampling Time:** 180.00 s

## Test Wave

Local Waveform(0.000-180.000s)

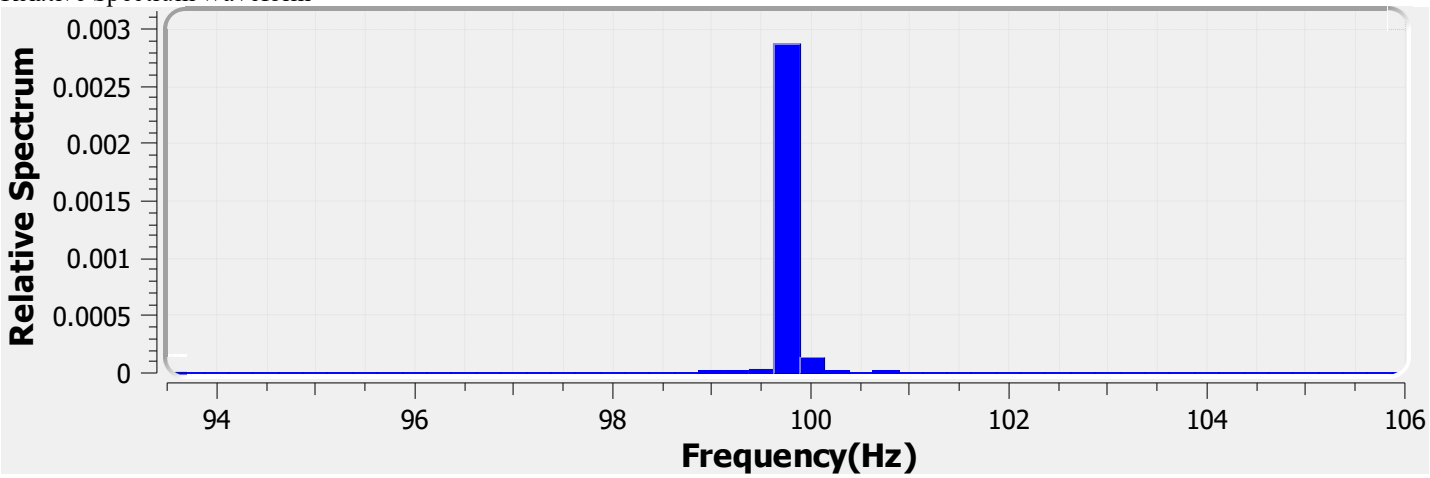



Modulation(%)




| | | | |
|---|---|---|---|
| **Name:** | EL-DENL-3102-000 | **Type:** | EL-DENL-3102-000 |
| **SN:** | ELA-10899-F | **Manufacturer:** | Eagle Lighting |
| **Tester:** | Jules Zaccak | **Sample time:** | 2022-11-4 14:43:54 |
| **Lamp base orientation:** | Horizontal | **Description:** | DENSUS LED OPAL POLY 2R 35W 6950LM 840 1280X150 |
| **Remark:** | | **Standard:** | IESNA 2000,CIE TN 006,etc |

Relative Spectrum Waveform




# Test Result

| | | | | | |
|---|---|---|---|---|---|
| **Avg(lm):** | 185.278 k | **Max(lm):** | 196.083 k | **Min(lm):** | 174.720 k |
| **BASIC** | | | | | |
| **Frequency:** | 99.750 Hz | | | | |
| **IEC-Pst [10KS/s]** | | | | | |
| **Pst:** | 0.158 | **Result:** | very acceptable | | |
| **CA CEC** | | | | | |
| **PAM:** | 5.761% | **PAM(40Hz):** | 0.252% | **PAM(90Hz):** | 0.397% |
| **PAM(200Hz):** | 1.196% | **PAM(400Hz):** | 1.444% | **PAM(1000Hz):** | 2.936% |
| **ASSIST** | | | | | |
| **Flicker Index:** | 0.007 | **Percent Flicker:** | 4.182% | **d:** | 0.000% |
| **a:** | 0.000 | **MP:** | 0.1 | **fb:** | 0.000Hz |
| **DP:** | 1% | **Acceptability:** | no consider stroboscopic effects | | |
| **IEEE Std 1789** | | | | | |
| **NM1:** | 0.111 | **NM2:** | 0.266 | **Module Depth:** | 4.182% |
| **Risk level:** | No effect | | | | |
| **CIE SVM** | | | | | |
| **SVM:** | 0.021 | **Visibility:** | Not Visible | | |

| | | | |
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