

SINCE 1987

31th
The 31th Anniversary

A Global Leader in Precision Mechatronics



FET22, BT12 Percent Flicker Measured

Business Areas

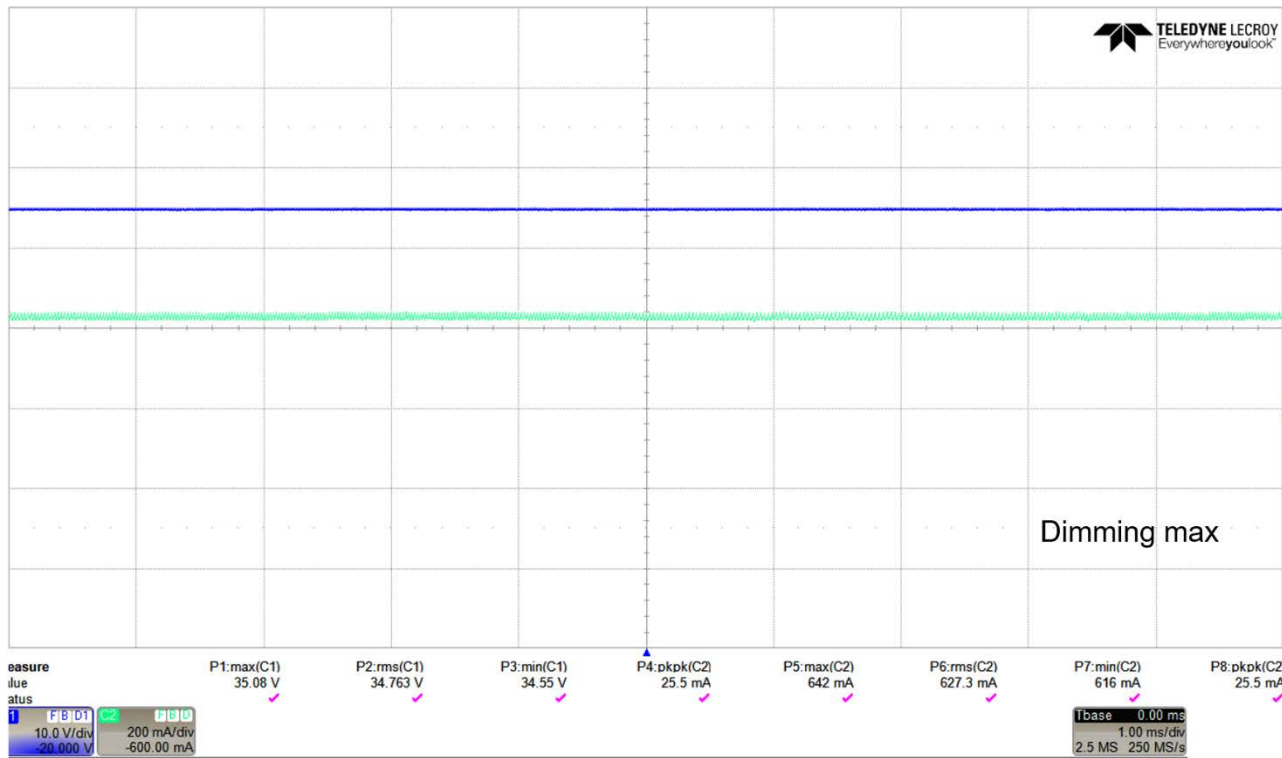


Lighting Division R&D Team 1

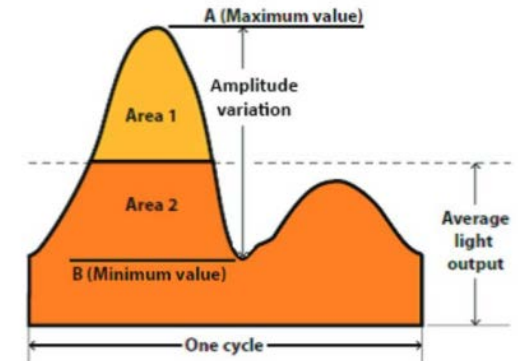
2018. 01. 10

1. FET22 PANEL – Flicker Free

INPUT Vac : 227V



Measuring Flicker
California's JA10 Test Method



$$\text{Percent Flicker} = 100\% \times \frac{A - B}{A + B} \quad \text{Flicker Index} = \frac{\text{Area 1}}{\text{Area 1} + \text{Area 2}}$$

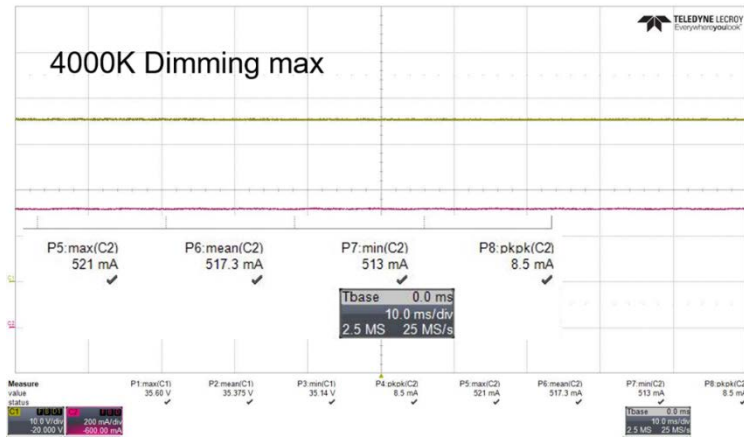
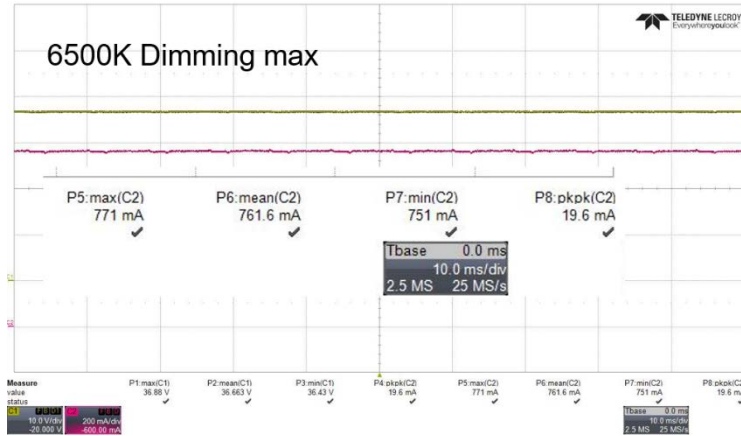
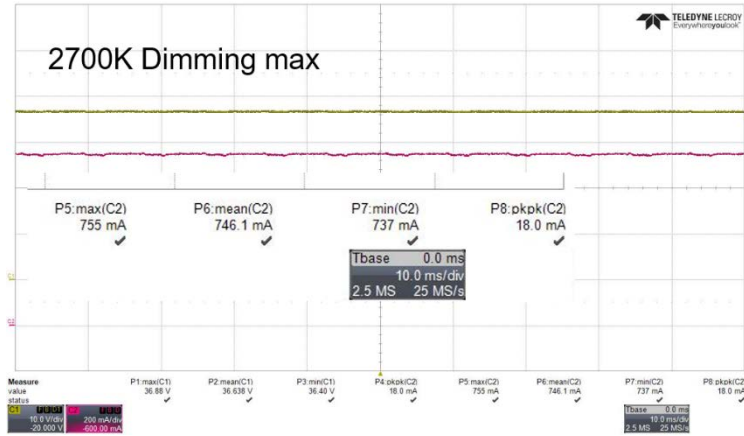
Source: DOE Flicker Fact Sheet
Modified from IES Handbook

| Min | Max | Percent Flicker |
|-------|-------|-----------------|
| 616mA | 642mA | 2.066% |

NOTE: Measurements <10% are considered Flicker Free.

2. BT12 TROFFER (Color tunable) – Flicker Free

INPUT Vac : 227V



| CCT | Min | Max | Percent Flicker |
|-------|-------|-------|-----------------|
| 2700K | 737mA | 755mA | 1.206% |
| 6500K | 751mA | 771mA | 1.314% |
| 4000K | 513mA | 521mA | 0.774% |

NOTE: Measurements <10% are considered Flicker Free.

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