

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-WD-R-WD-25-NFL-DIM1-2-350-FLR-2-BV-30d

Trim Model:

FLR-2-BV-WH

Date:

8/22/2022



Light efficiency:

35 Lumen/Watt

Light quality:

CRI: 97.1

Color temperature:

3112 K

CIE 1931:

**x: 0.426
y: 0.394**

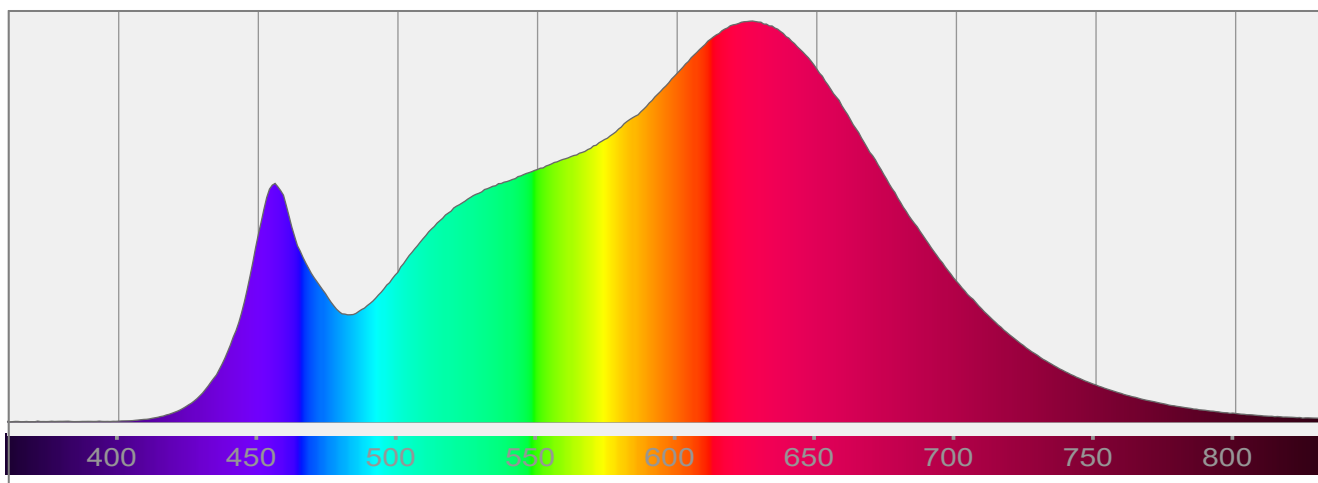
Output: 512 lm

Peak: 1235 cd

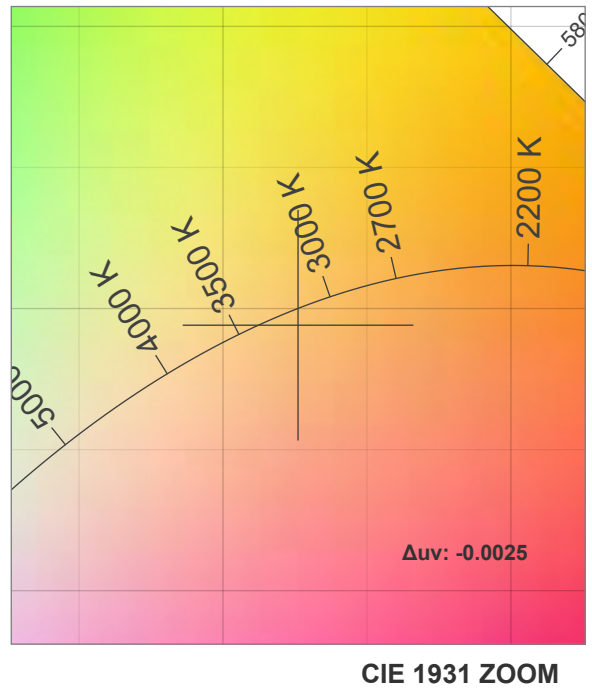
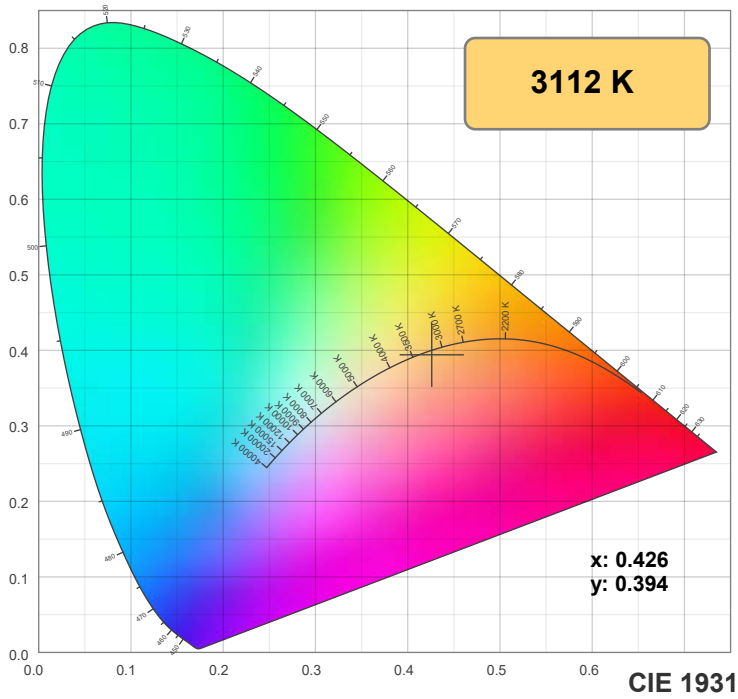
Power: 14.5 W

PF: 1.0

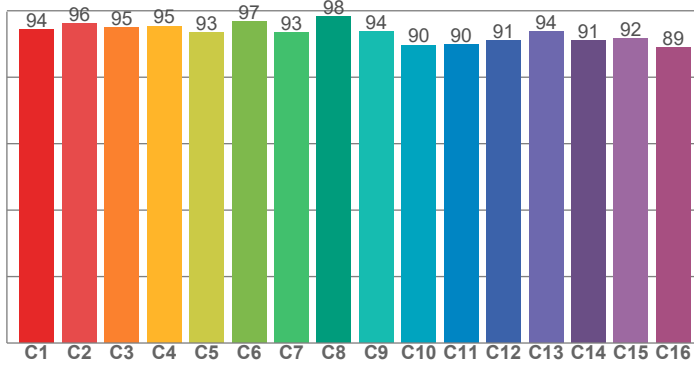
Spectra:



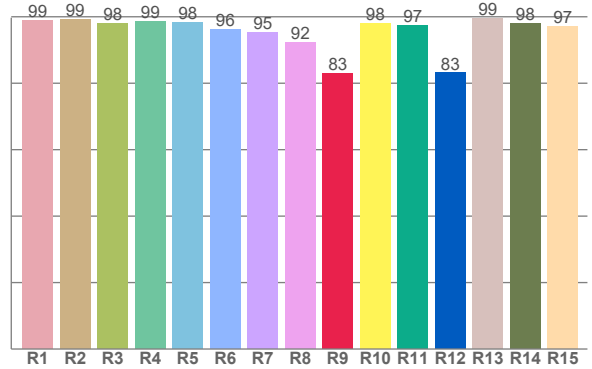
Color Details



TM-30: 93.4



CRI: 97.1 (R1-R8)



CRI R Values:

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 99.0 | 99.2 | 98.1 | 98.6 | 98.4 | 96.3 | 95.3 | 92.2 | 83.1 | 98.0 | 97.4 | 83.1 | 99.4 | 98.0 | 97.2 |

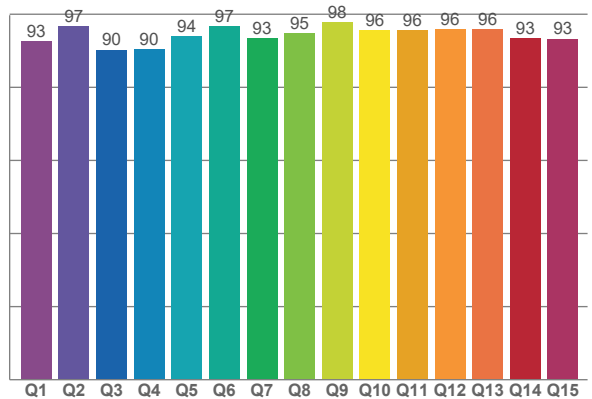
TM30 C Values:

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 94.5 | 96.1 | 94.9 | 95.4 | 93.5 | 96.6 | 93.5 | 98.3 | 93.7 | 89.7 | 89.9 | 91.1 | 93.7 | 91.0 | 91.6 | 88.8 |

CQS Q values:

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 92.7 | 96.6 | 90.3 | 90.4 | 94.0 | 96.7 | 93.4 | 94.9 | 97.9 | 95.7 | 95.7 | 95.8 | 95.8 | 93.5 | 93.3 |

CQS: 93.9



Color Parameters:

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|---------|
| 3112 K | 97.1 | 83.1 | 93.4 | 100.6 | 93.9 | 0.426 | 0.394 | 0.248 | 0.344 | -0.0025 |

TM-30 Details

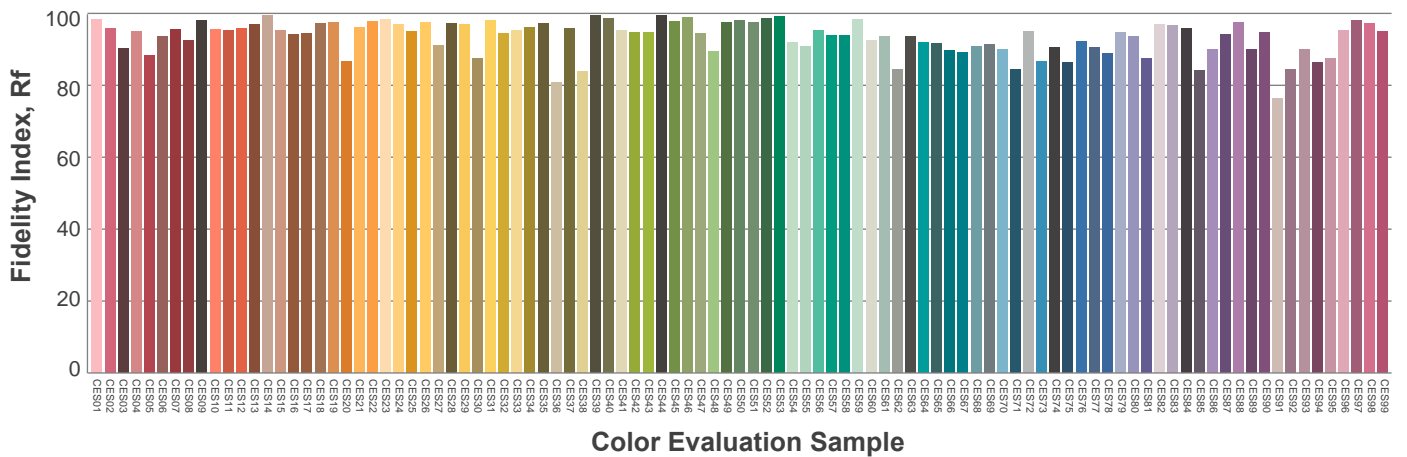
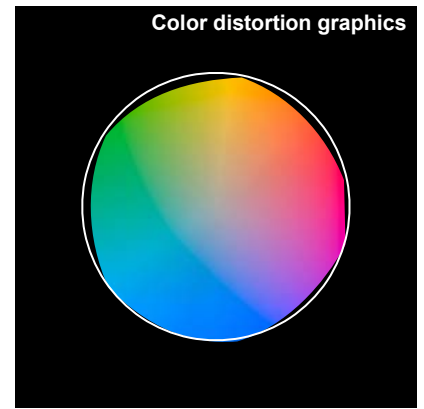
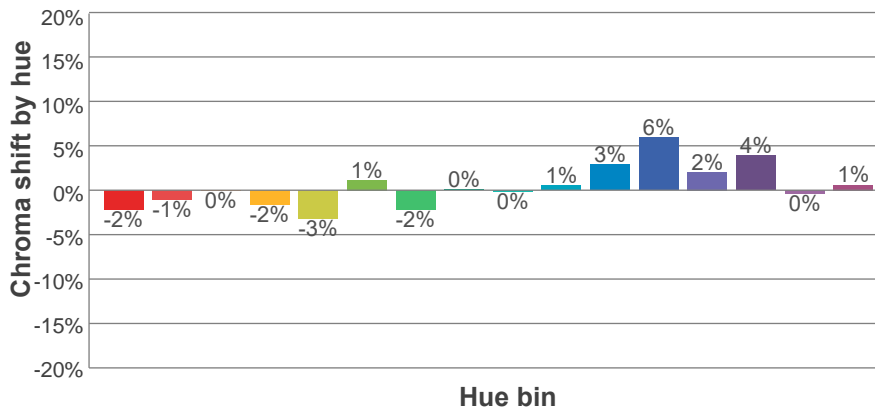
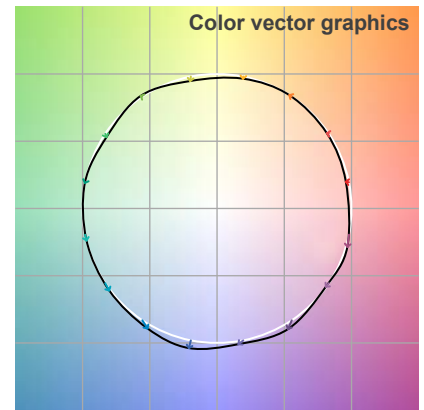
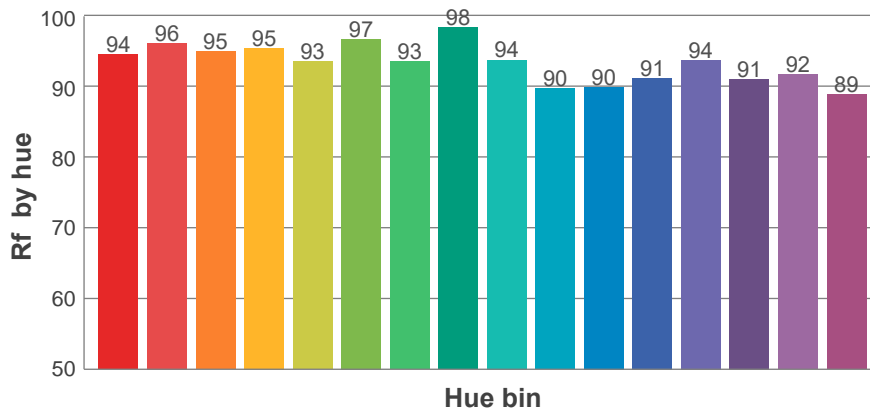
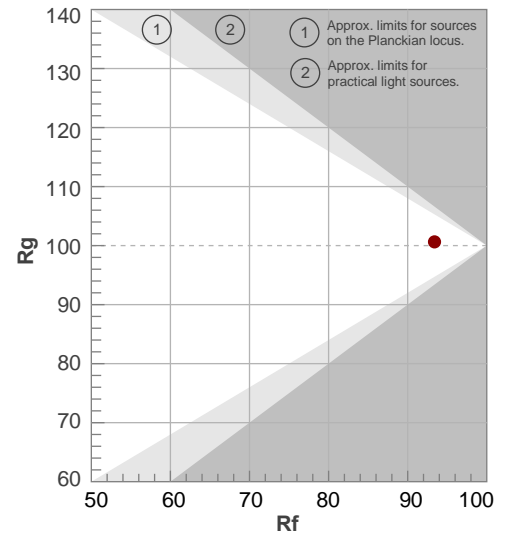
Rf 93.4

Fidelity index Rf

Rg 100.6

Gamut index Rg

| Hue Bin | R _f | Shifts (%) | |
|---------|----------------|------------|-----|
| | | Chroma | Hue |
| 1 | 94 | -2% | 1% |
| 2 | 96 | -1% | 1% |
| 3 | 95 | 0% | 2% |
| 4 | 95 | -2% | 0% |
| 5 | 93 | -3% | 1% |
| 6 | 97 | 1% | 1% |
| 7 | 93 | -2% | 2% |
| 8 | 98 | 0% | 1% |
| 9 | 94 | 0% | 4% |
| 10 | 90 | 1% | 6% |
| 11 | 90 | 3% | 7% |
| 12 | 91 | 6% | 0% |
| 13 | 94 | 2% | -4% |
| 14 | 91 | 4% | -6% |
| 15 | 92 | 0% | -3% |
| 16 | 89 | 1% | -9% |



Aiming Angle

