

Photometric / Colorimetric / Electric Report

Fixture Model:

805-W5-TW-40-3000K-DAL2-8.5-700-FS-P-1-WH-WW-8

Trim Model:

FS-P-1-WH-WW-8

Date:

2/4/2025



Light efficiency:

37 Lumen/Watt

Light quality:

CRI: 96.8

Color temperature:

2992 K

CIE 1931:

**x: 0.431
y: 0.391**

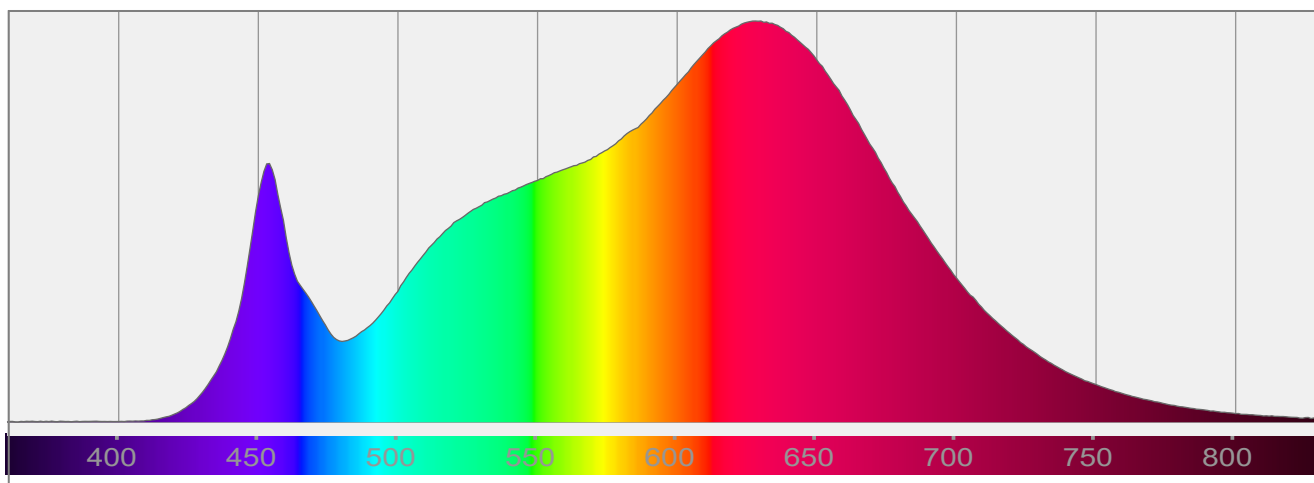
Output: 580 lm

Peak: 412 cd

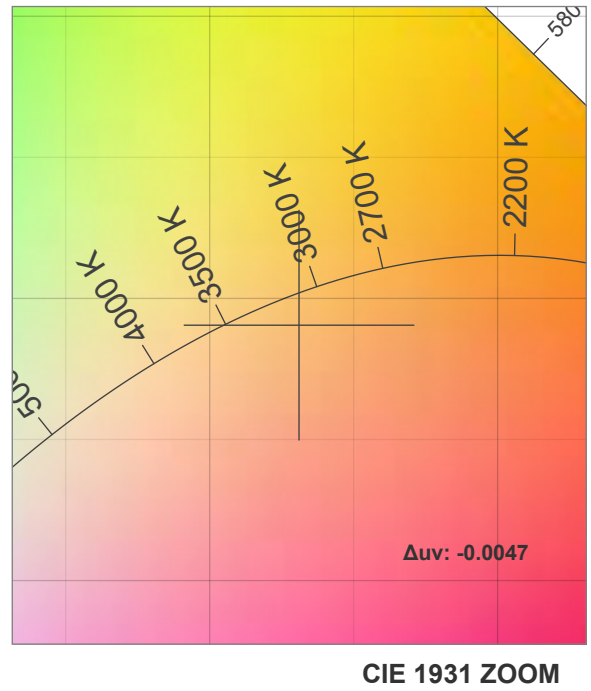
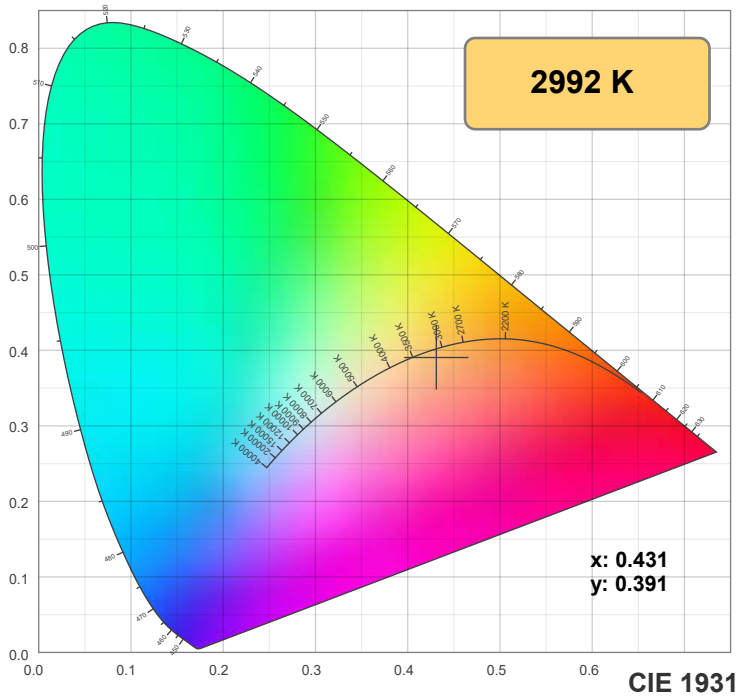
Power: 15.6 W

PF: 0.99

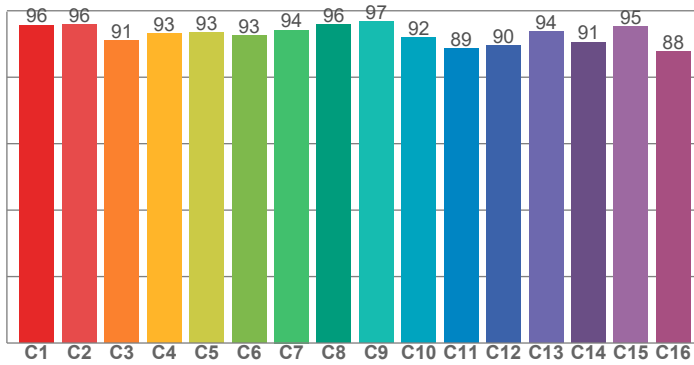
Spectra:



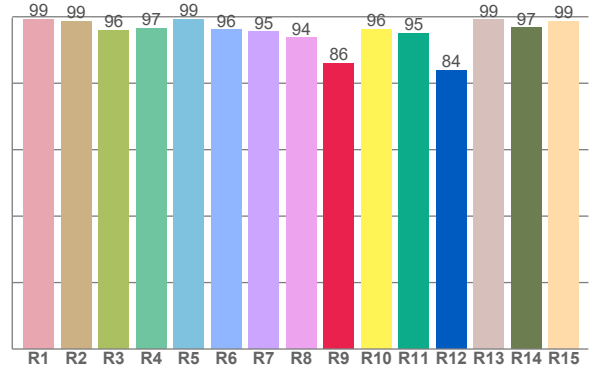
Color Details



TM-30: 92.9



CRI: 96.8 (R1-R8)



CRI R Values:

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 99.1 | 98.6 | 95.9 | 96.6 | 99.2 | 96.0 | 95.4 | 93.6 | 86.0 | 96.1 | 94.9 | 84.0 | 99.0 | 96.6 | 98.6 |

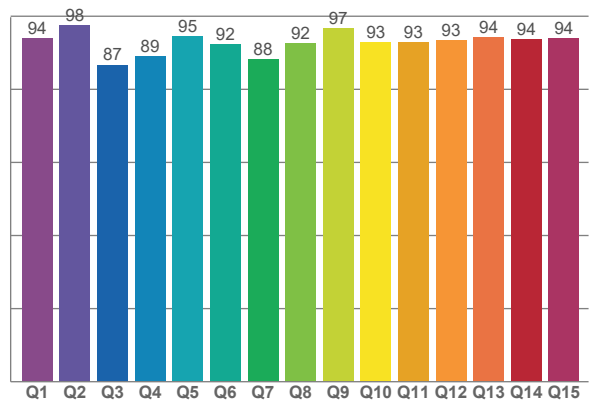
TM30 C Values:

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 95.7 | 95.8 | 91.2 | 93.1 | 93.5 | 92.6 | 94.2 | 95.7 | 96.6 | 92.0 | 88.6 | 89.6 | 93.6 | 90.6 | 95.2 | 87.7 |

CQS Q values:

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 94.0 | 97.6 | 86.7 | 89.0 | 94.5 | 92.4 | 88.3 | 92.5 | 96.7 | 92.9 | 93.0 | 93.4 | 94.2 | 93.7 | 94.0 |

CQS: 92.2



Color Parameters:

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|-------------|
| 2992 K | 96.8 | 86.0 | 92.9 | 103.3 | 92.2 | 0.431 | 0.391 | 0.253 | 0.343 | -0.0047 |

TM-30 Details

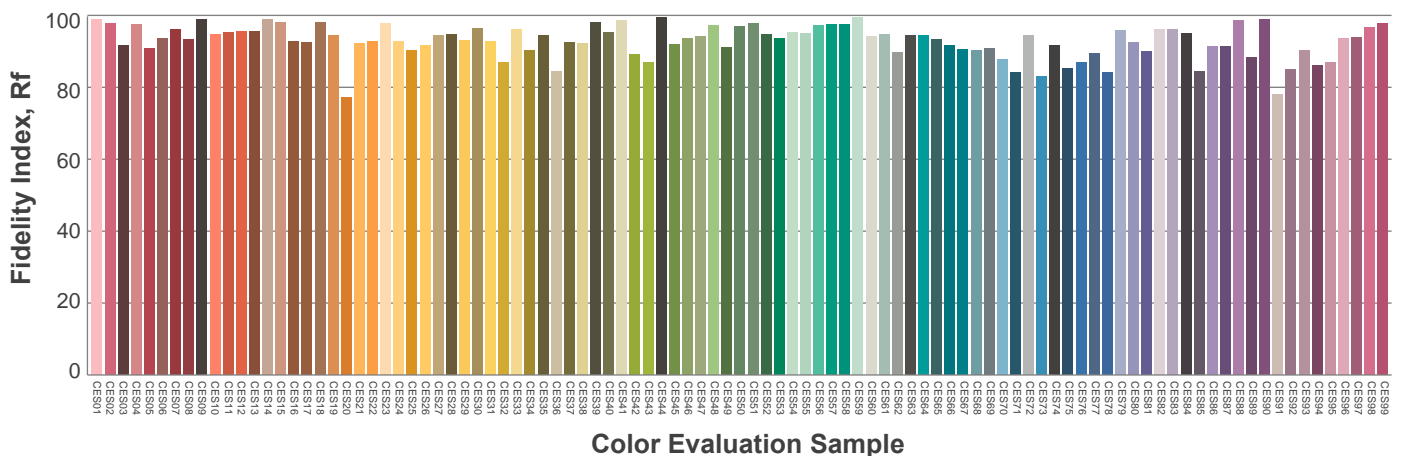
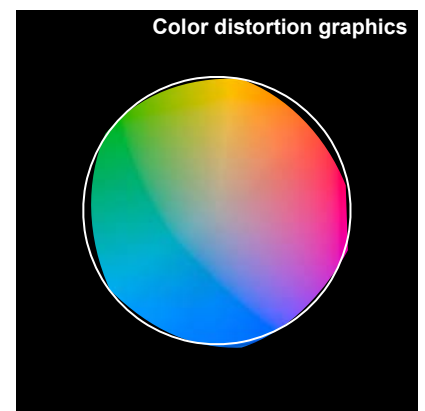
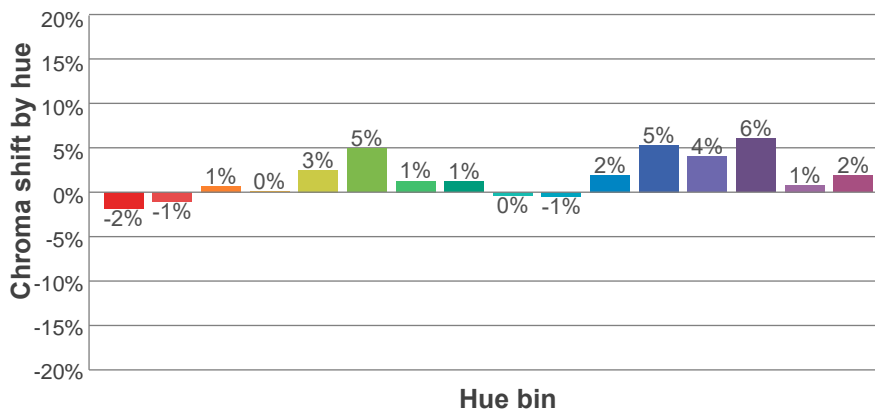
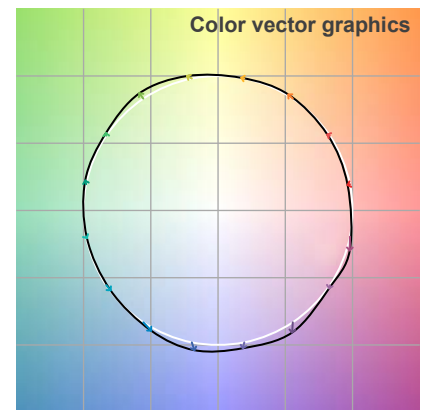
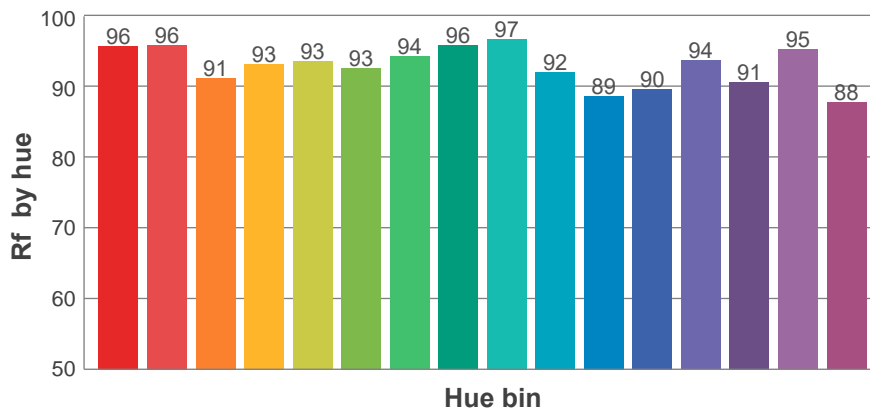
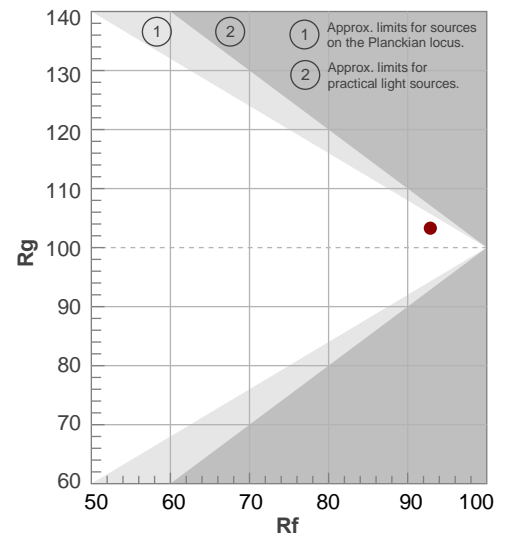
Rf 92.9

Fidelity index Rf

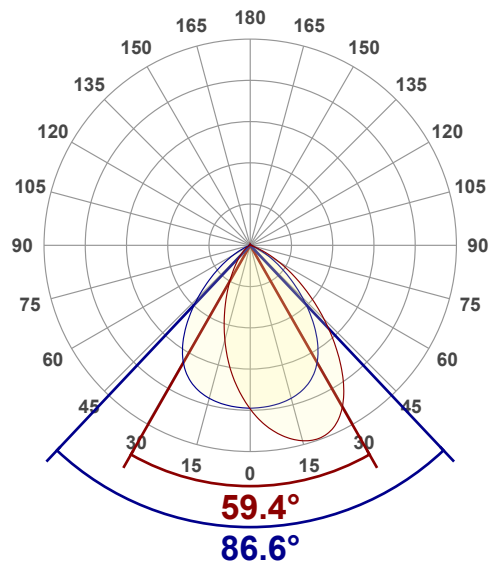
Rg 103.3

Gamut index Rg

| Hue Bin | R _f | Shifts (%) | |
|---------|----------------|------------|------|
| | | Chroma | Hue |
| 1 | 96 | -2% | 0% |
| 2 | 96 | -1% | 2% |
| 3 | 91 | 1% | 4% |
| 4 | 93 | 0% | 2% |
| 5 | 93 | 3% | 3% |
| 6 | 93 | 5% | 0% |
| 7 | 94 | 1% | -2% |
| 8 | 96 | 1% | -3% |
| 9 | 97 | 0% | 1% |
| 10 | 92 | -1% | 5% |
| 11 | 89 | 2% | 8% |
| 12 | 90 | 5% | 3% |
| 13 | 94 | 4% | -2% |
| 14 | 91 | 6% | -5% |
| 15 | 95 | 1% | -2% |
| 16 | 88 | 2% | -10% |



Angular Distribution Through 0° and 90° Planes



Beam Angle: 86.6°W x 59.4°L

Beam Details

