

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-W5-WD-4-40-PR1-8.5-350-FS-P-1-WH-WW-8**

Trim Model:

**FS-P-1-WH-WW-8**

Date:

**8/5/2024**



Light efficiency:

**41 Lumen/Watt**

Light quality:

**CRI: 96.8**

Color temperature:

**3003 K**

CIE 1931:

**x: 0.436  
y: 0.402**

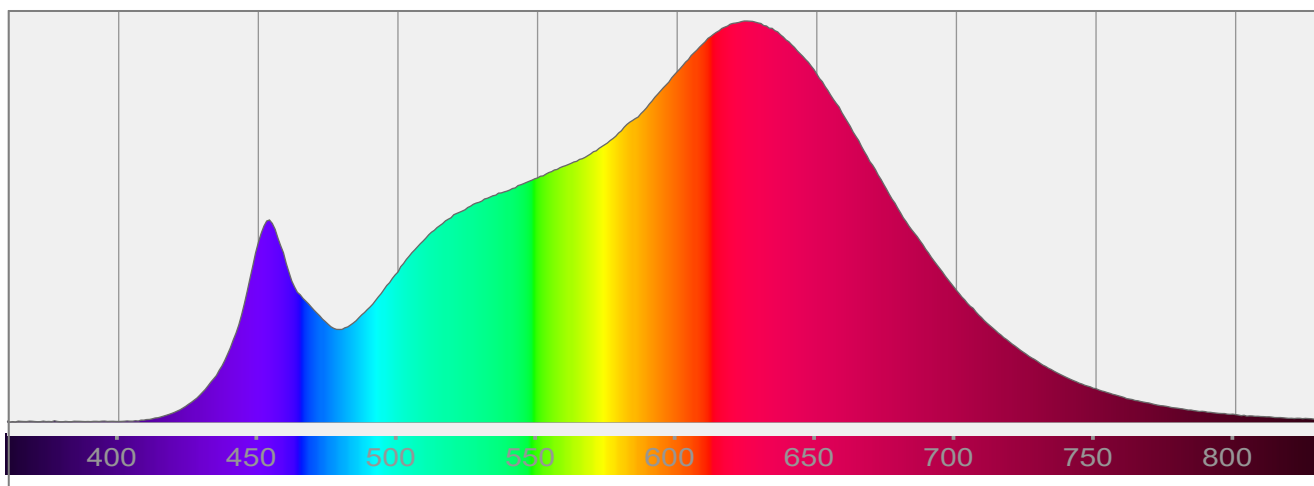
**Output: 599 lm**

**Peak: 404 cd**

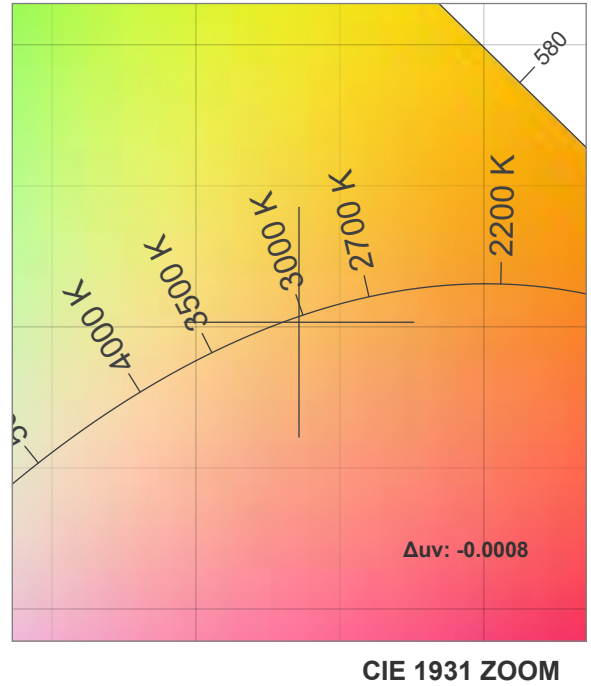
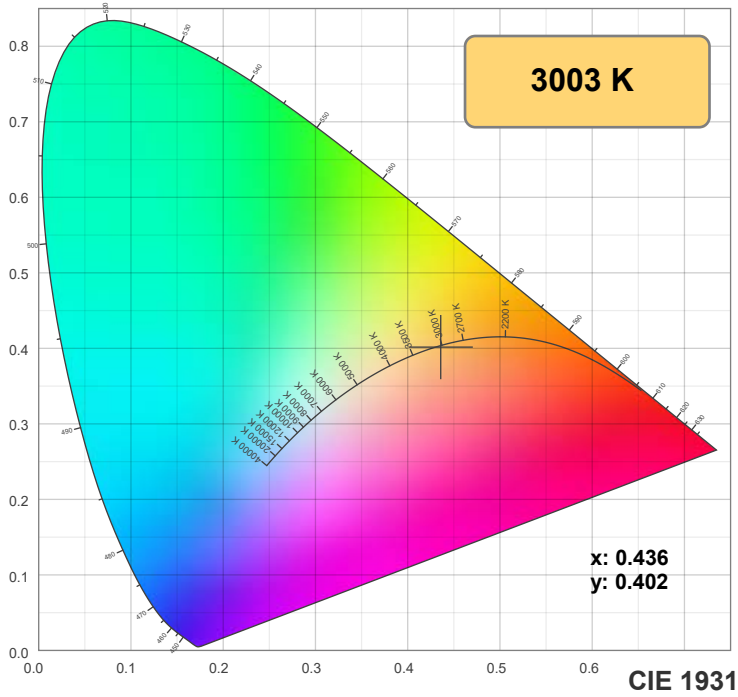
**Power: 14.6 W**

**PF: 0.99**

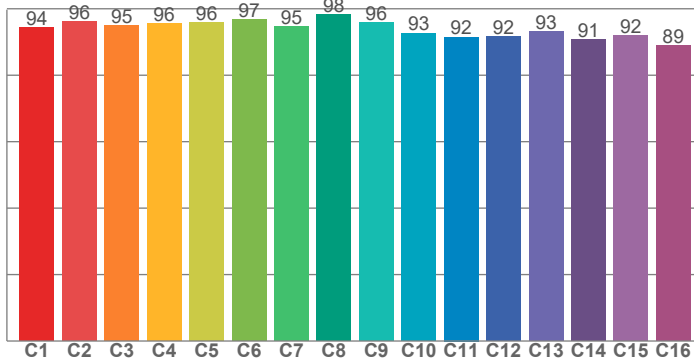
Spectra:



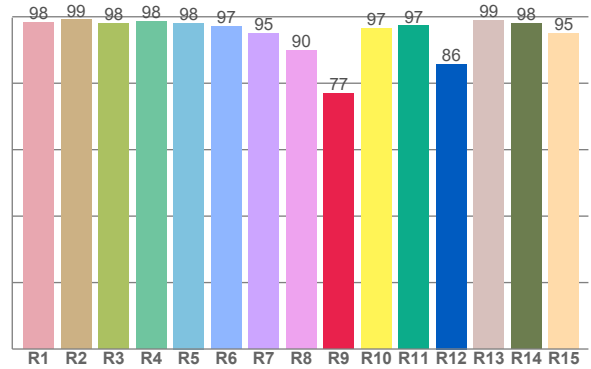
## Color Details



TM-30: 94.1



CRI: 96.8 (R1-R8)



CRI R Values:

| R1   | R2   | R3   | R4   | R5   | R6   | R7   | R8   | R9   | R10  | R11  | R12  | R13  | R14  | R15  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 98.4 | 99.0 | 98.1 | 98.5 | 98.1 | 97.2 | 95.1 | 90.0 | 77.0 | 96.5 | 97.2 | 85.8 | 99.0 | 98.0 | 95.0 |

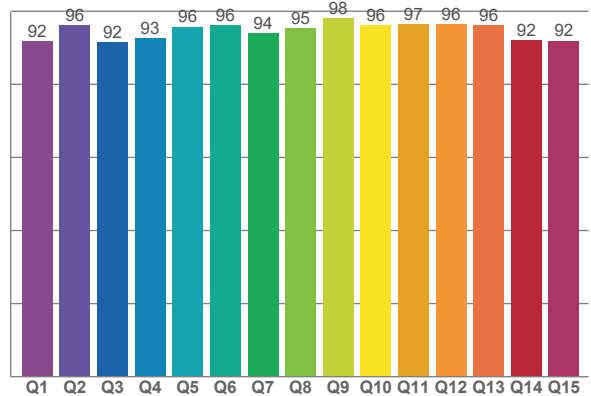
TM30 C Values:

| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 94.4 | 96.1 | 94.9 | 95.5 | 95.8 | 96.7 | 94.7 | 98.3 | 96.0 | 92.7 | 91.5 | 91.6 | 93.2 | 90.6 | 91.8 | 89.0 |

CQS Q values:

| Q1   | Q2   | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  | Q13  | Q14  | Q15  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 91.9 | 96.3 | 91.6 | 92.5 | 95.8 | 96.2 | 93.9 | 95.4 | 98.1 | 96.1 | 96.5 | 96.5 | 96.1 | 92.1 | 91.9 |

CQS: 94.2



Color Parameters:

| CCT    | CRI  | CRI R9 | TM30 Rf | TM30 Rg | CQS  | x     | y     | u     | v     | Δuv     |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|---------|
| 3003 K | 96.8 | 77.0   | 94.1    | 100.5   | 94.2 | 0.436 | 0.402 | 0.251 | 0.347 | -0.0008 |

# TM-30 Details

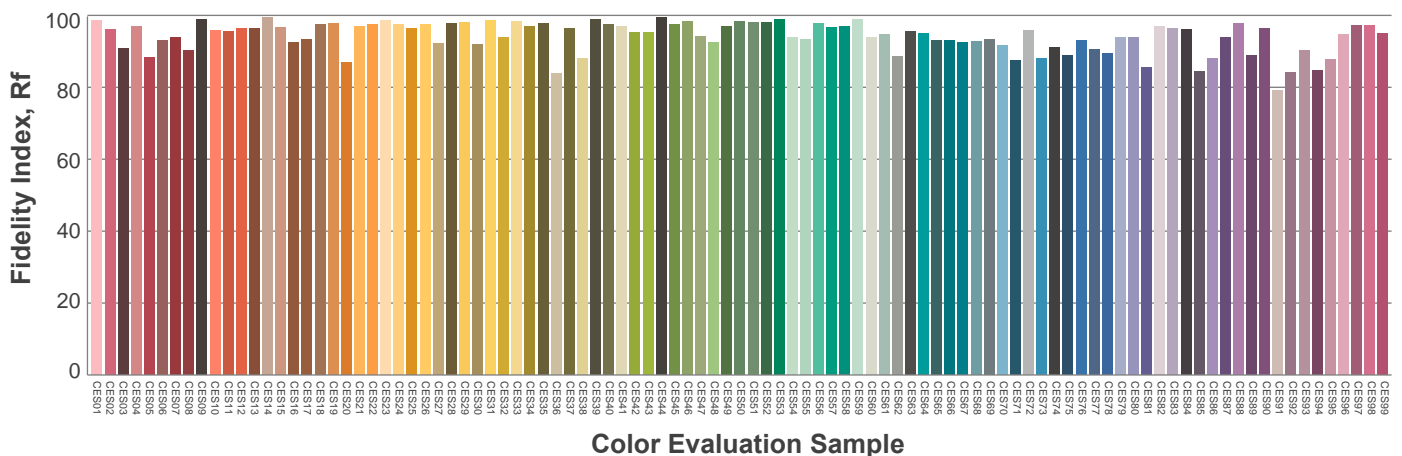
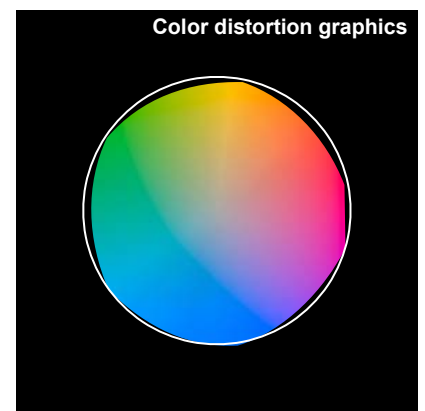
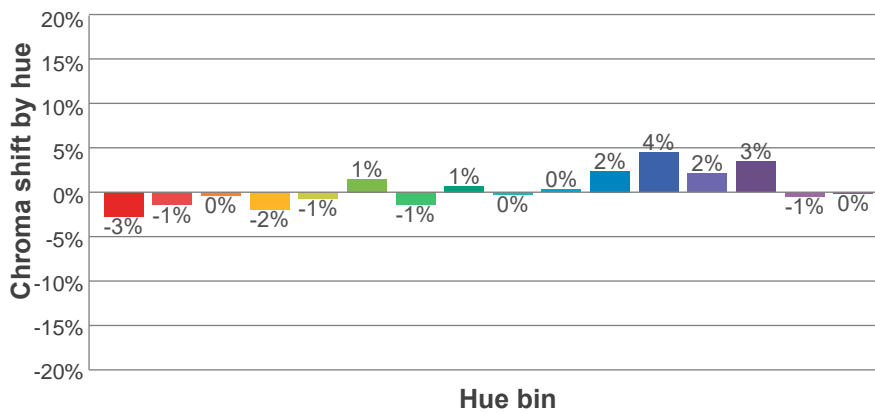
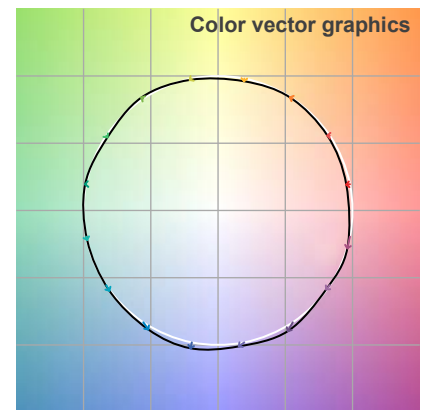
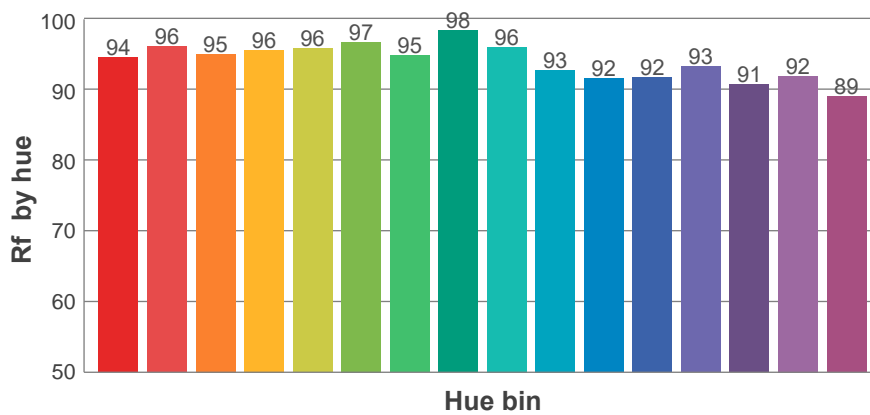
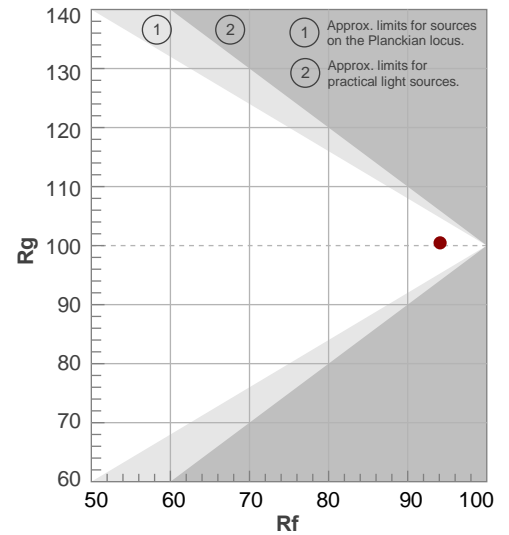
**Rf 94.1**

Fidelity index Rf

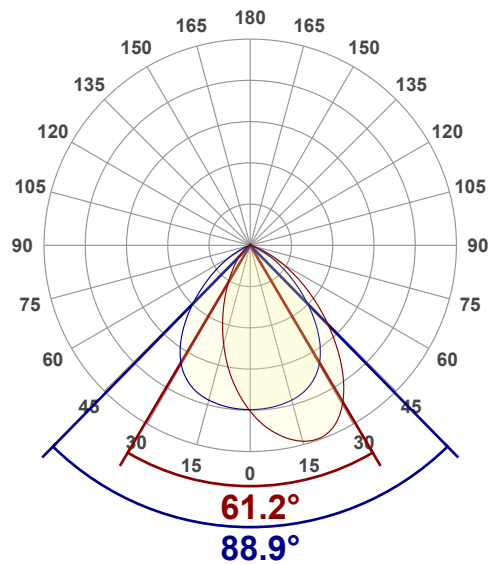
**Rg 100.5**

Gamut index Rg

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



## Angular Distribution Through 0° and 90° Planes



**Beam Angle: 88.9°W x 61.2°L**

## Beam Details

