

Photometric / Colorimetric / Electric Report

Fixture Model:

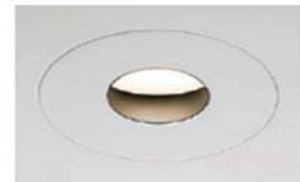
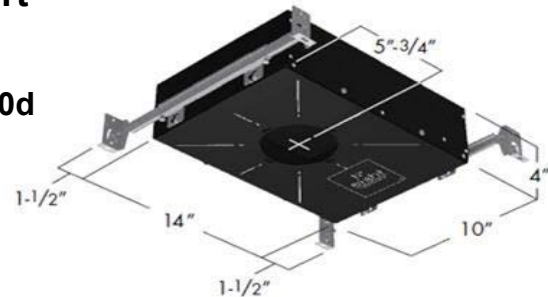
804S-J2S-HI-40-DIM1-8-1000-FR-P-1-WH-WW-8-20d

Trim Model:

FR-P-1-WH-WW-8

Date:

3/14/2022



Light efficiency:

42 Lumen/Watt

Light quality:

CRI: 93.8

Color temperature:

2948 K

CIE 1931:

x: 0.444
y: 0.411

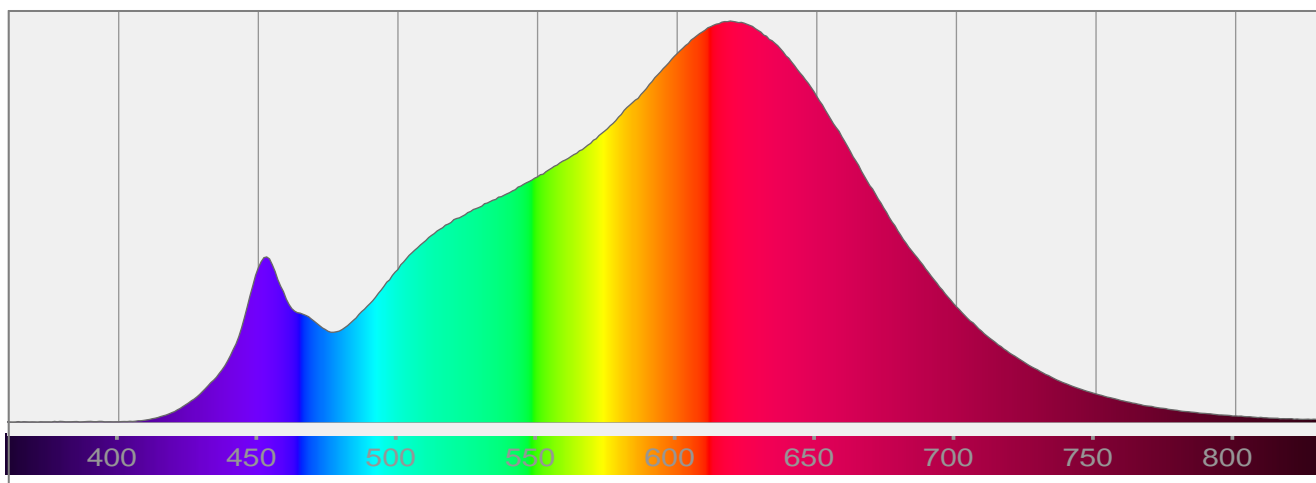
Output: 586 lm

Peak: 388 cd

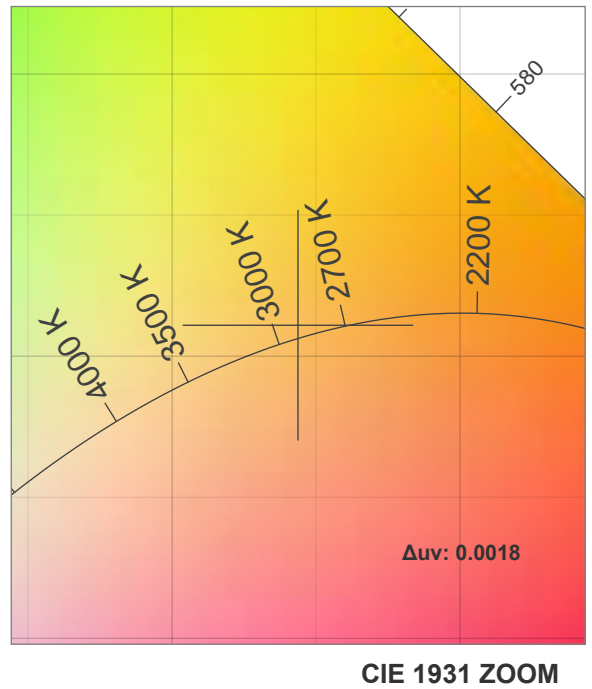
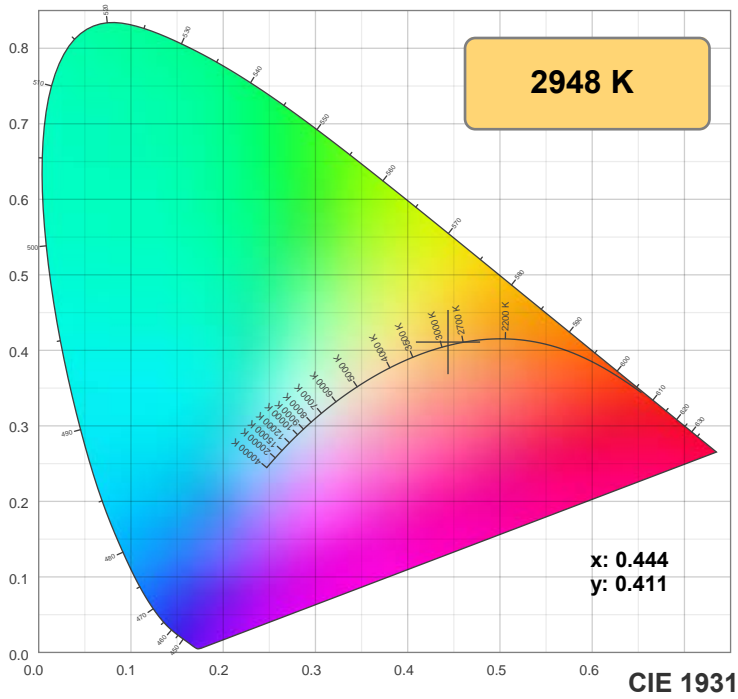
Power: 13.8 W

PF: 0.99

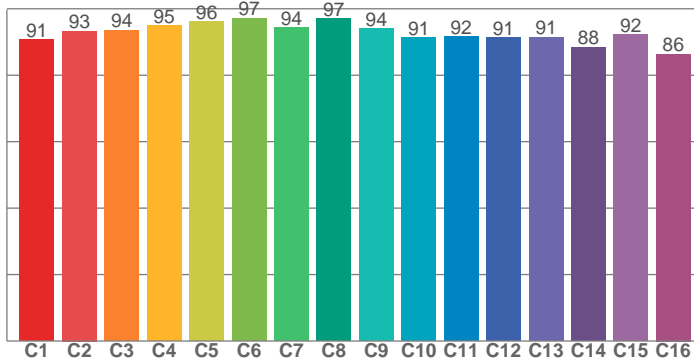
Spectra:



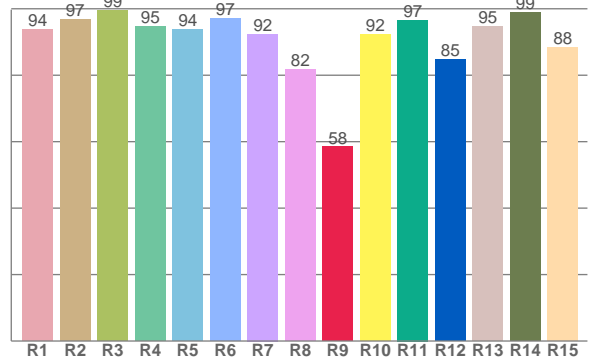
Color Details



TM-30: 92.8



CRI: 93.8 (R1-R8)



CRI R Values:

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 93.8 | 96.9 | 99.5 | 94.6 | 93.7 | 97.2 | 92.4 | 81.8 | 58.4 | 92.3 | 96.6 | 84.8 | 94.8 | 98.9 | 88.4 |

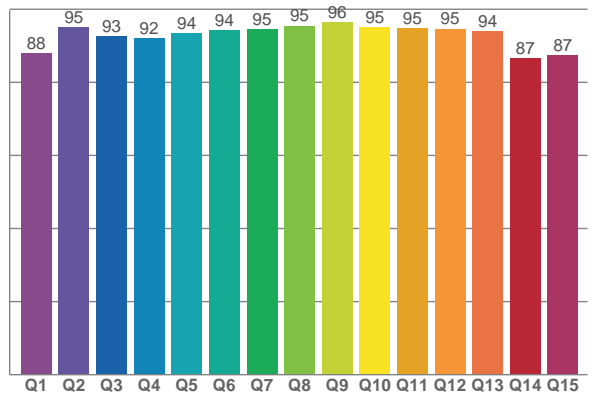
TM30 C Values:

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 90.8 | 93.3 | 93.6 | 95.0 | 96.1 | 97.2 | 94.3 | 97.0 | 94.1 | 91.4 | 91.6 | 91.4 | 91.5 | 88.5 | 92.1 | 86.4 |

CQS Q values:

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 88.0 | 95.1 | 92.7 | 92.0 | 93.5 | 94.2 | 94.6 | 95.5 | 96.4 | 95.0 | 94.8 | 94.7 | 93.9 | 86.7 | 87.3 |

CQS: 92.2



Color Parameters:

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|--------|
| 2948 K | 93.8 | 58.4 | 92.8 | 97.6 | 92.2 | 0.444 | 0.411 | 0.252 | 0.350 | 0.0018 |

TM-30 Details

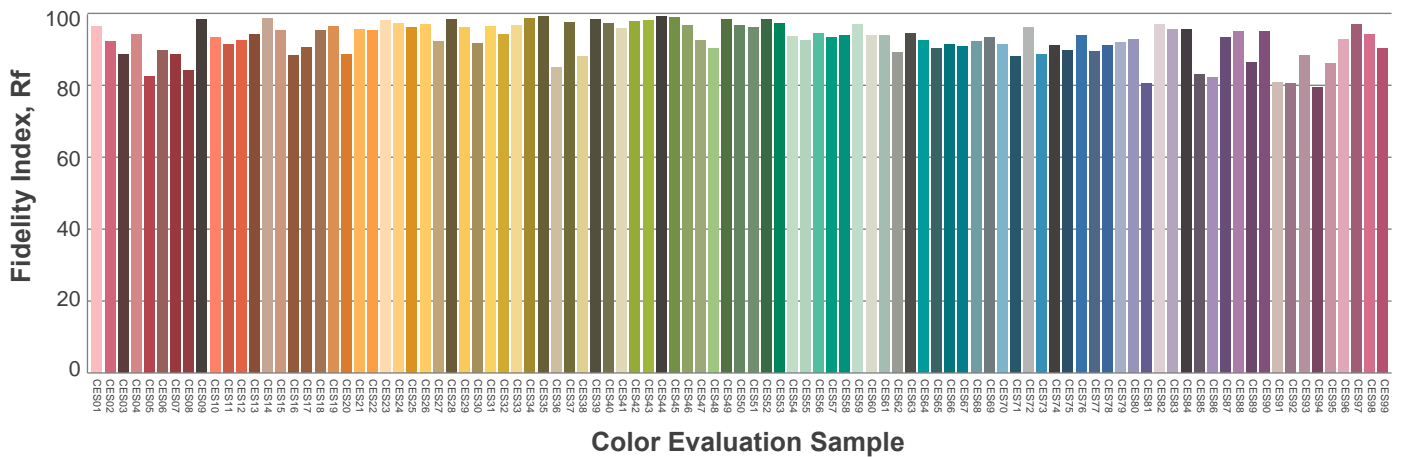
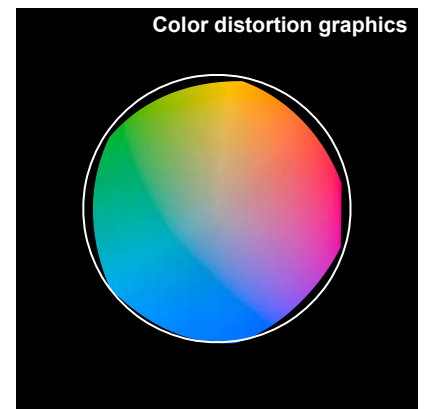
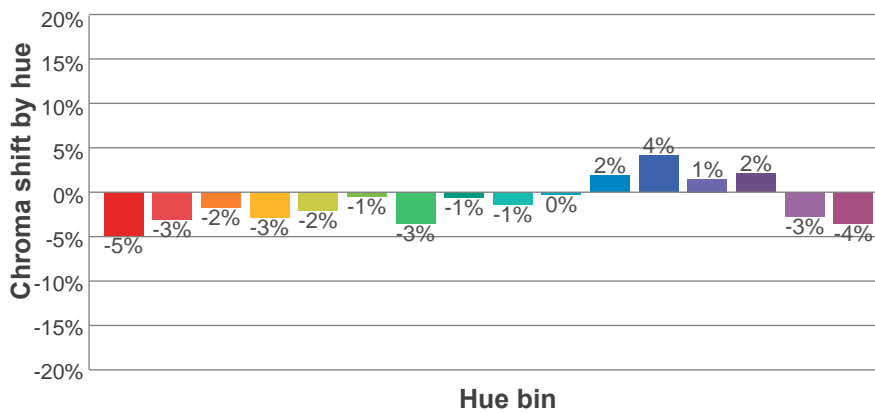
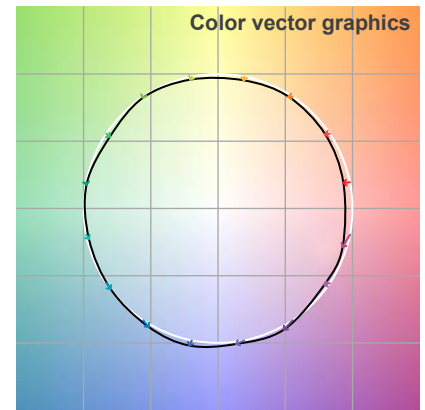
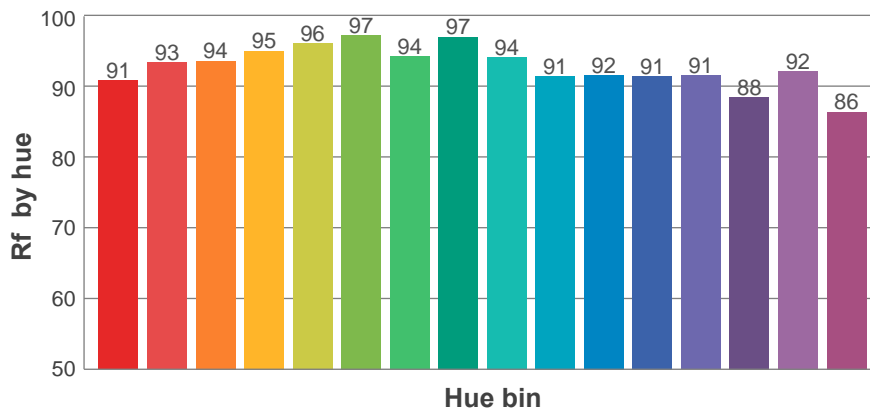
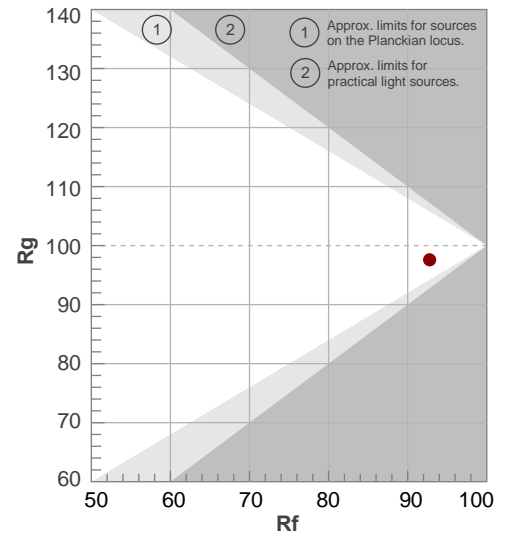
Rf 92.8

Fidelity index Rf

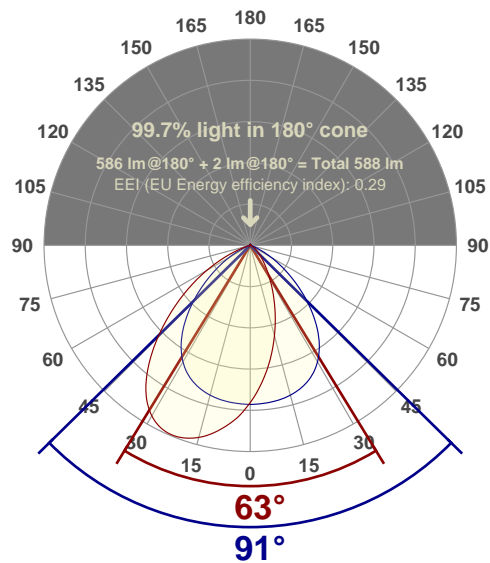
Rg 97.6

Gamut index Rg

| Hue Bin | R _f | Shifts (%) | |
|---------|----------------|------------|------|
| | | Chroma | Hue |
| 1 | 91 | -5% | 0% |
| 2 | 93 | -3% | 2% |
| 3 | 94 | -2% | 3% |
| 4 | 95 | -3% | 0% |
| 5 | 96 | -2% | 2% |
| 6 | 97 | -1% | 1% |
| 7 | 94 | -3% | 0% |
| 8 | 97 | -1% | 2% |
| 9 | 94 | -1% | 3% |
| 10 | 91 | 0% | 5% |
| 11 | 92 | 2% | 6% |
| 12 | 91 | 4% | -1% |
| 13 | 91 | 1% | -6% |
| 14 | 88 | 2% | -9% |
| 15 | 92 | -3% | -3% |
| 16 | 86 | -4% | -10% |



Angular Distribution Through 0° and 90° Planes



Beam Angle: 91°W x 63°L

Beam Details

