

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-WD-S-WD2-60-DIM1-2-350-FLS-2-WW-20d

Trim Model:

FLS-2-WW-WH

Date:

3/16/2022



Light efficiency:

45 Lumen/Watt

Light quality:

CRI: 96.7

Color temperature:

2904 K

CIE 1931:

x: 0.440
y: 0.399

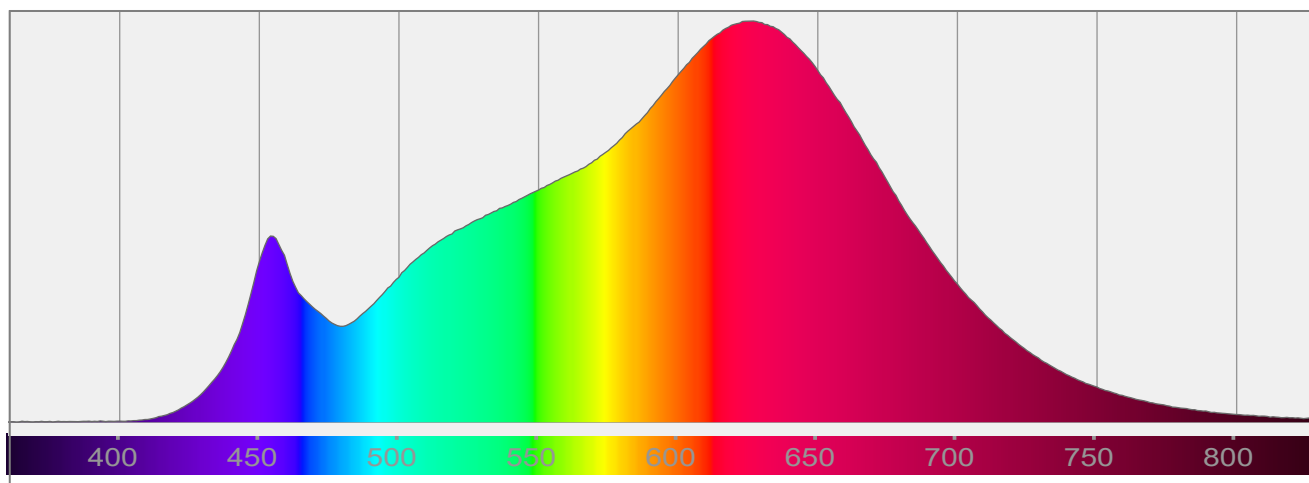
Output: 659 lm

Peak: 484 cd

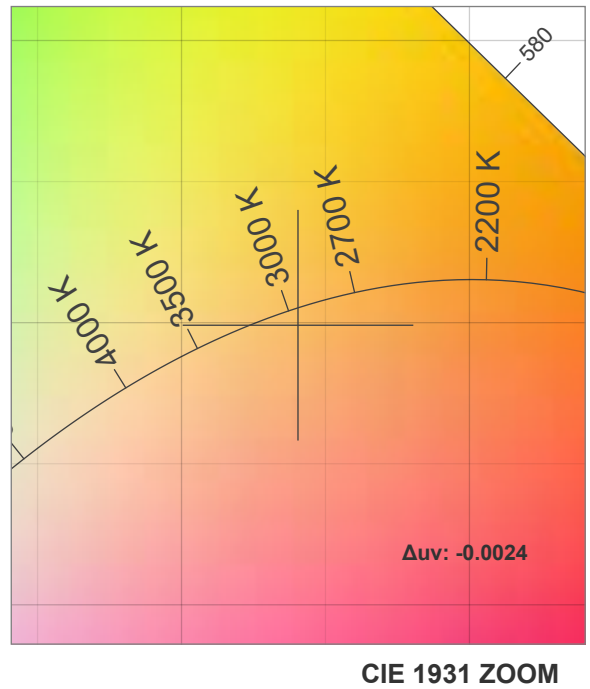
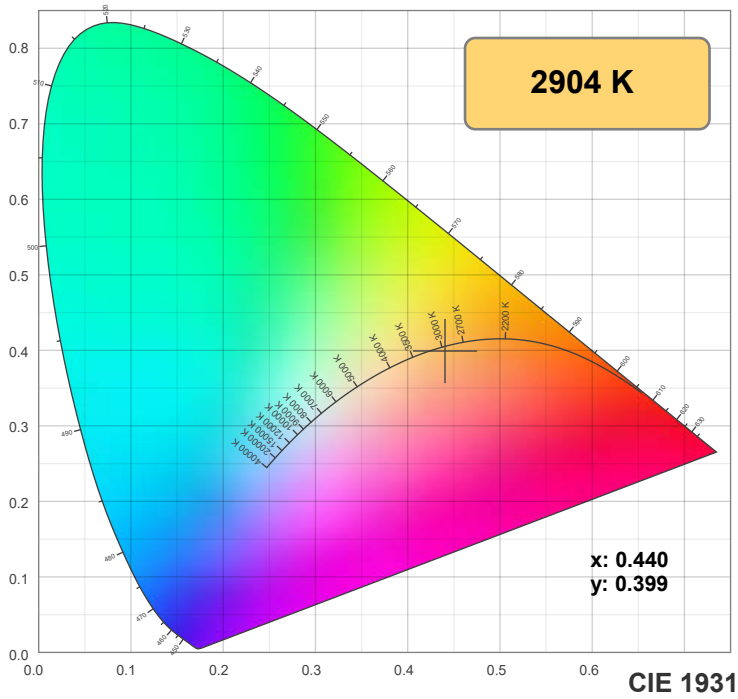
Power: 14.6 W

PF: 1.0

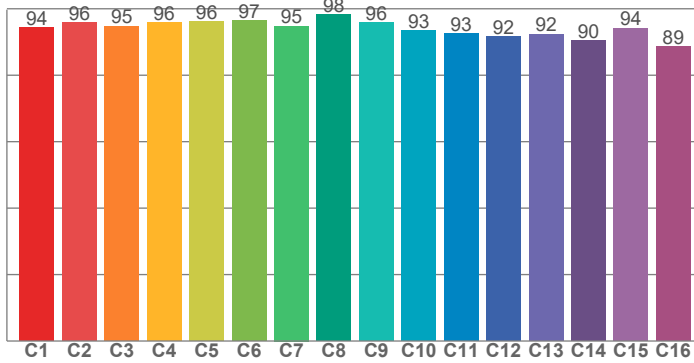
Spectra:



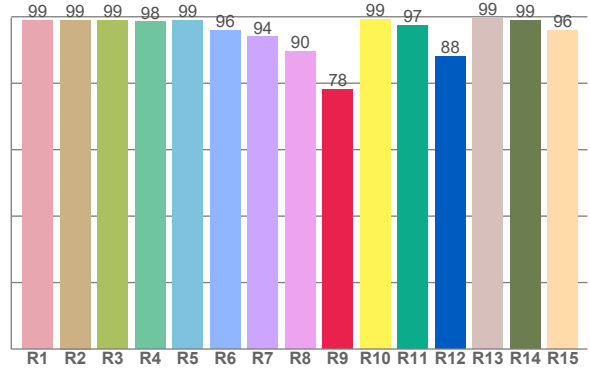
Color Details



TM-30: 94.2



CRI: 96.7 (R1-R8)



CRI R Values:

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 98.9 | 99.0 | 98.9 | 98.4 | 99.0 | 95.8 | 93.9 | 89.6 | 78.1 | 99.1 | 97.3 | 88.1 | 99.5 | 99.0 | 95.9 |

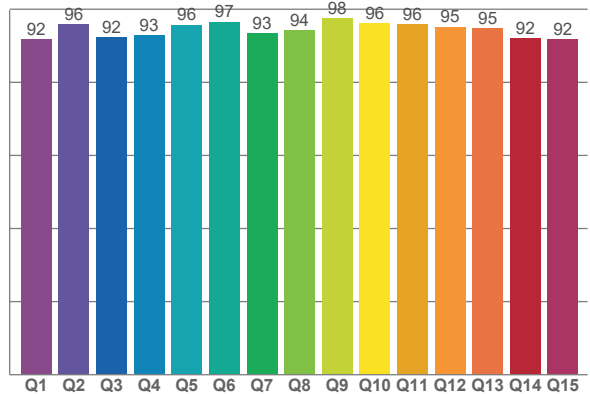
TM30 C Values:

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 94.5 | 95.9 | 94.8 | 95.9 | 96.1 | 96.5 | 94.8 | 98.2 | 95.9 | 93.4 | 92.6 | 91.6 | 92.4 | 90.4 | 94.2 | 88.7 |

CQS Q values:

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 91.8 | 95.8 | 92.3 | 92.8 | 95.8 | 96.6 | 93.4 | 94.3 | 97.5 | 96.1 | 95.8 | 95.2 | 94.7 | 92.0 | 91.9 |

CQS: 94.0



Color Parameters:

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|---------|
| 2904 K | 96.7 | 78.1 | 94.2 | 100.6 | 94.0 | 0.440 | 0.399 | 0.255 | 0.347 | -0.0024 |

TM-30 Details

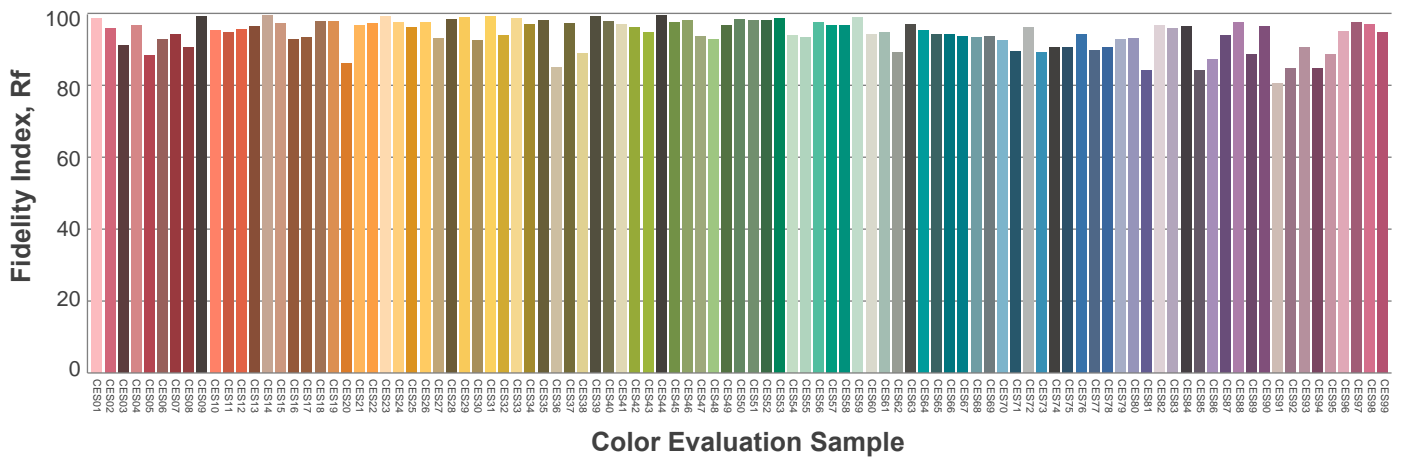
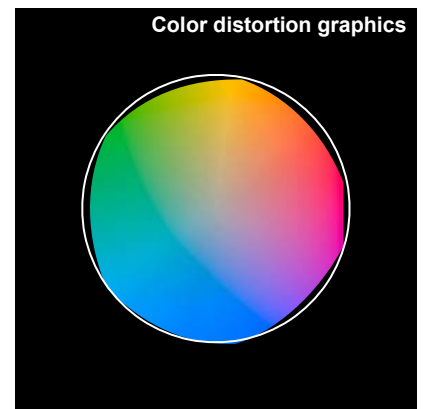
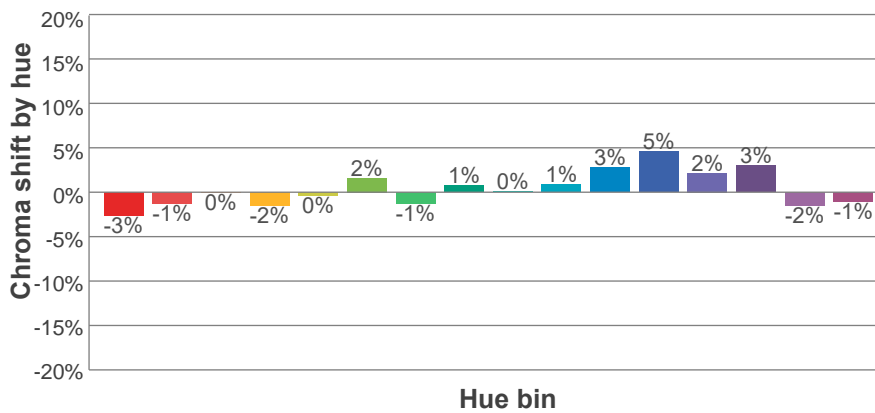
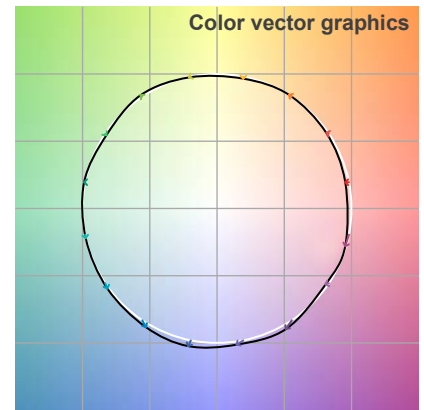
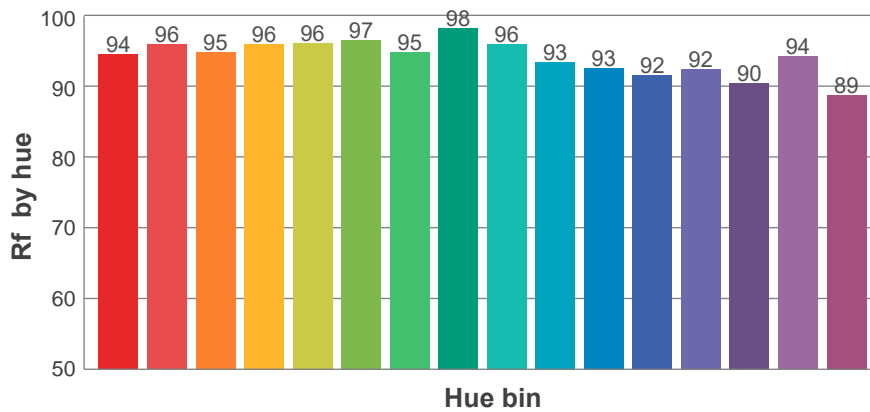
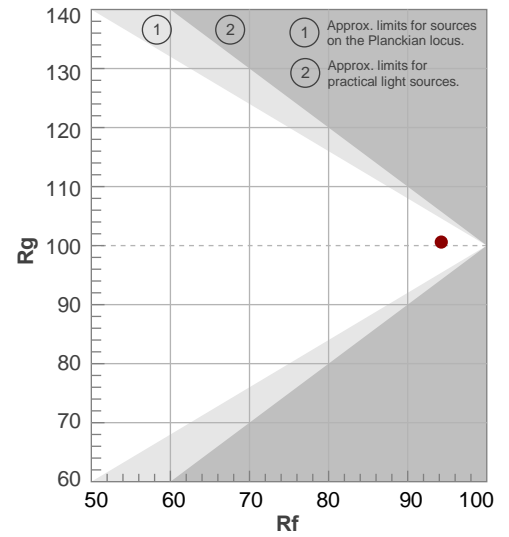
Rf 94.2

Fidelity index Rf

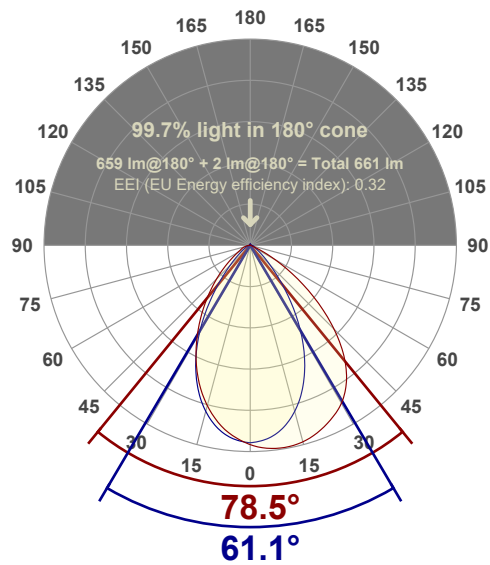
Rg 100.6

Gamut index Rg

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



Angular Distribution Through 0° and 90° Planes



Beam Angle: 61.1°W x 78.5°L

Beam Details

