

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-WD-S-WD-40-DIM1-2-350-FLS-2-WW-20d

Trim Model:

FLS-2-WW-WH

Date:

5/11/2022



Light efficiency:

48 Lumen/Watt

Light quality:

CRI: 97.1

Color temperature:

3139 K

CIE 1931:

x: 0.425
y: 0.394

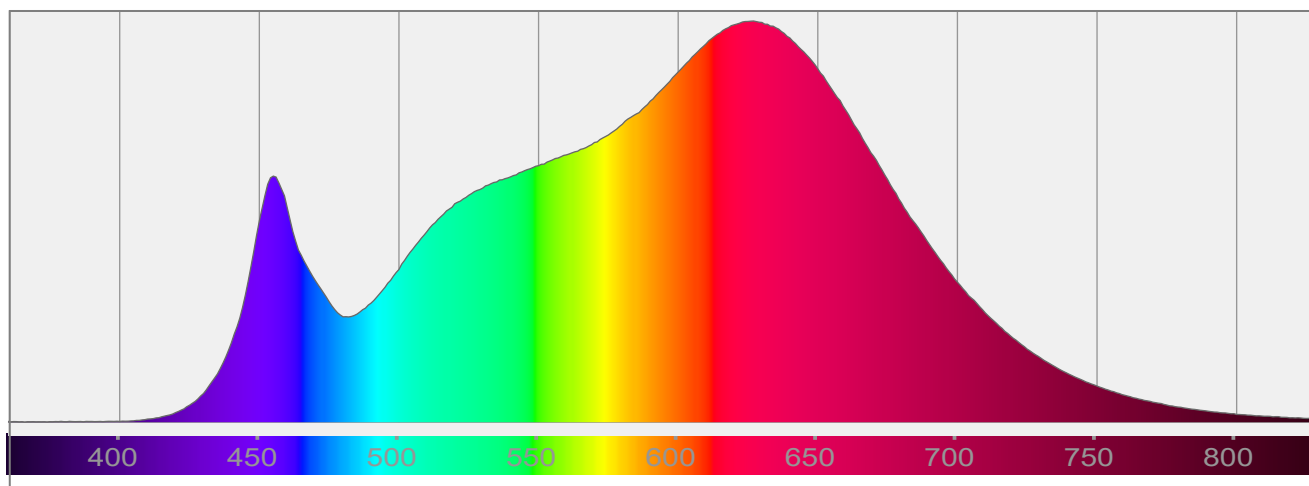
Output: 690 lm

Peak: 635 cd

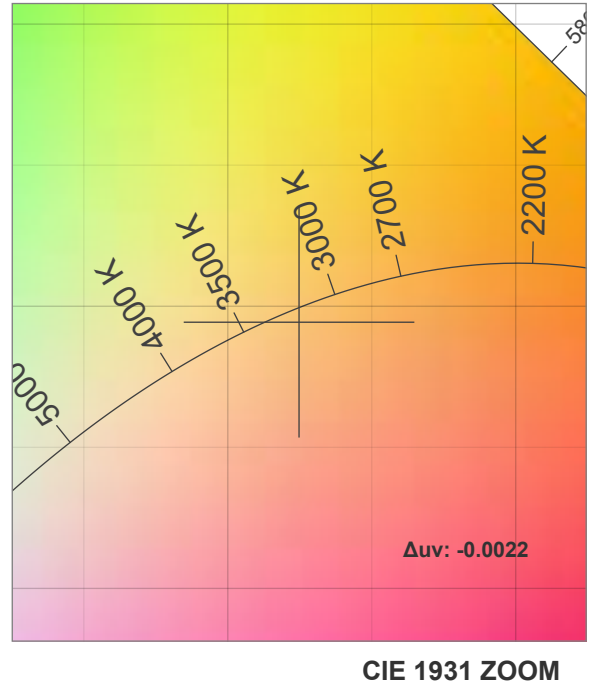
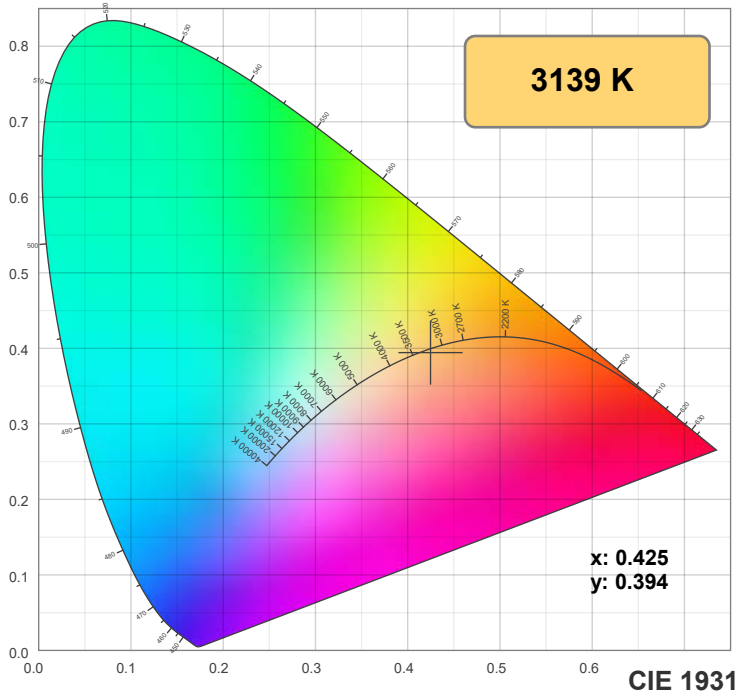
Power: 14.5 W

PF: 0.99

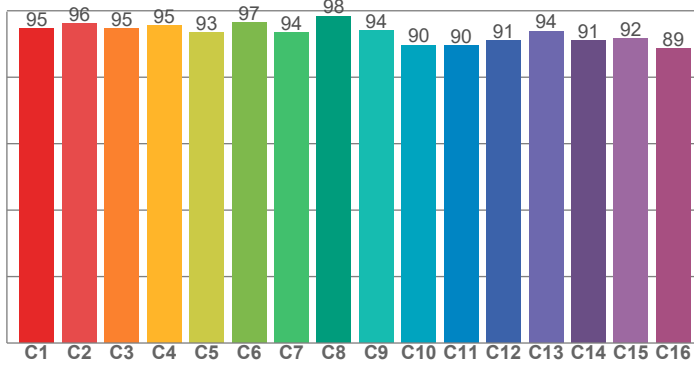
Spectra:



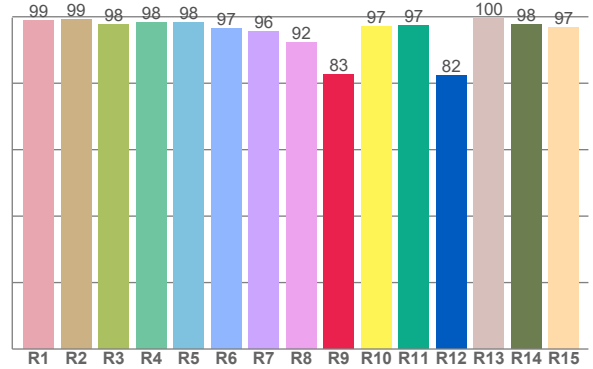
Color Details



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 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 98.9 | 99.2 | 97.6 | 98.4 | 98.2 | 96.6 | 95.6 | 92.2 | 82.5 | 97.1 | 97.3 | 82.4 | 99.6 | 97.7 | 96.9 |

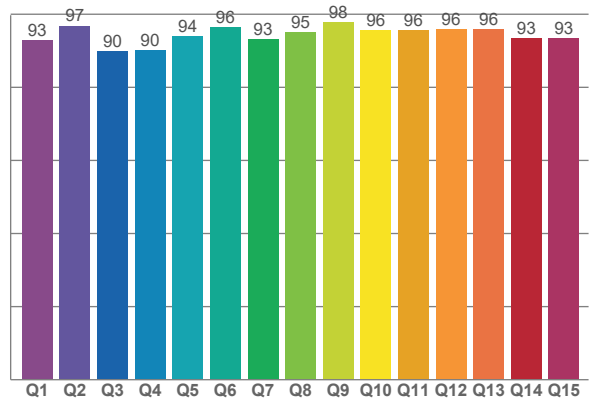
TM30 C Values:

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 94.6 | 96.1 | 94.6 | 95.4 | 93.4 | 96.5 | 93.6 | 98.4 | 94.0 | 89.7 | 89.5 | 91.1 | 93.9 | 91.0 | 91.7 | 88.6 |

CQS Q values:

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 92.9 | 96.9 | 89.9 | 90.2 | 94.1 | 96.4 | 93.2 | 94.9 | 97.7 | 95.5 | 95.7 | 95.8 | 95.9 | 93.5 | 93.3 |

CQS: 93.9



Color Parameters:

| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|---------|
| 3139 K | 97.1 | 82.5 | 93.4 | 100.7 | 93.9 | 0.425 | 0.394 | 0.247 | 0.344 | -0.0022 |

TM-30 Details

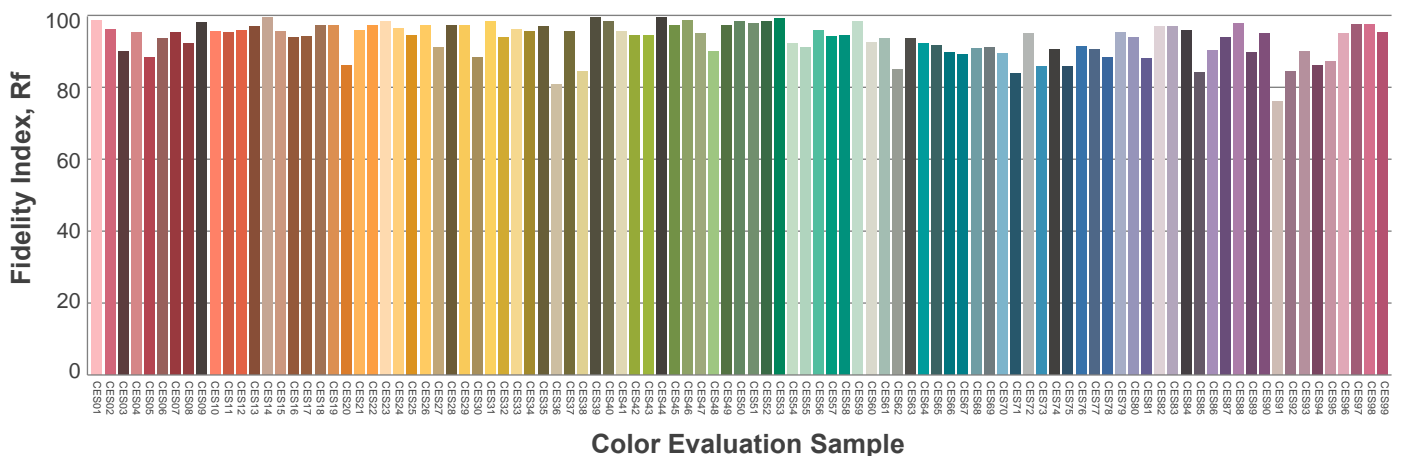
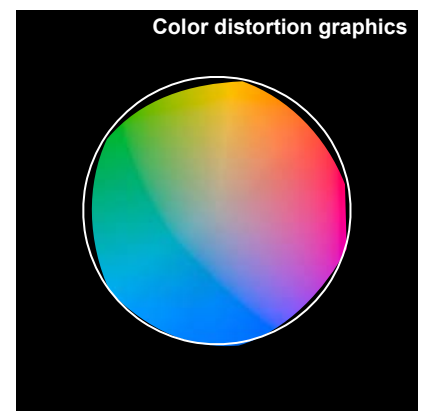
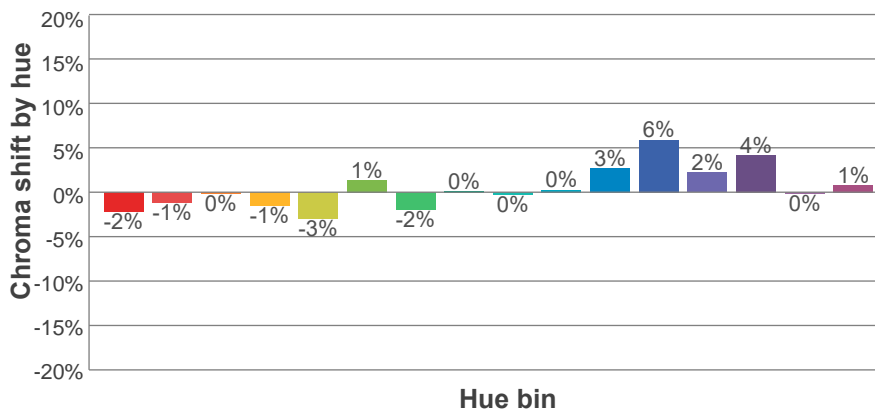
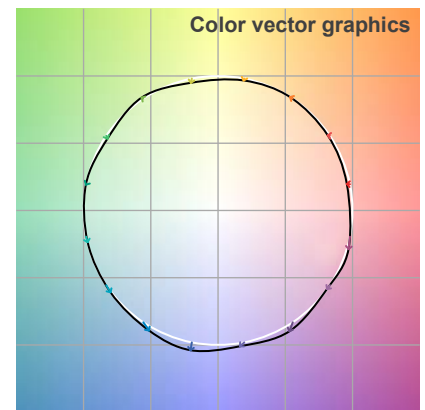
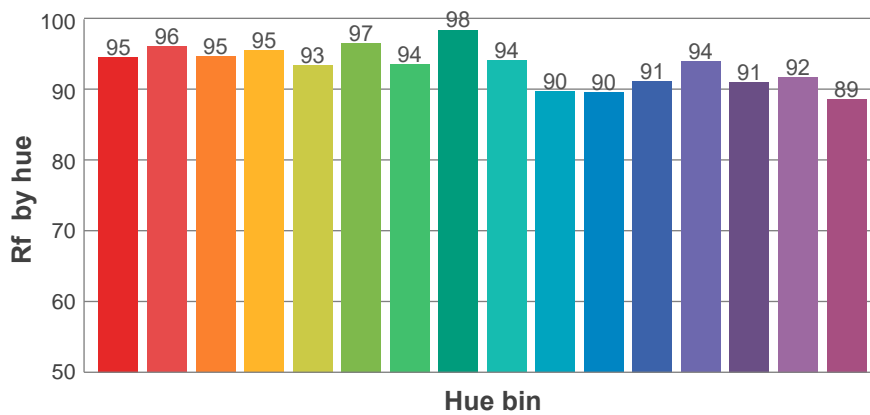
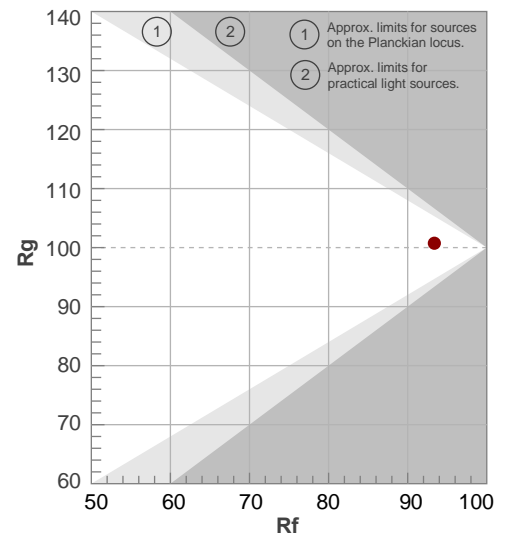
Rf 93.4

Fidelity index Rf

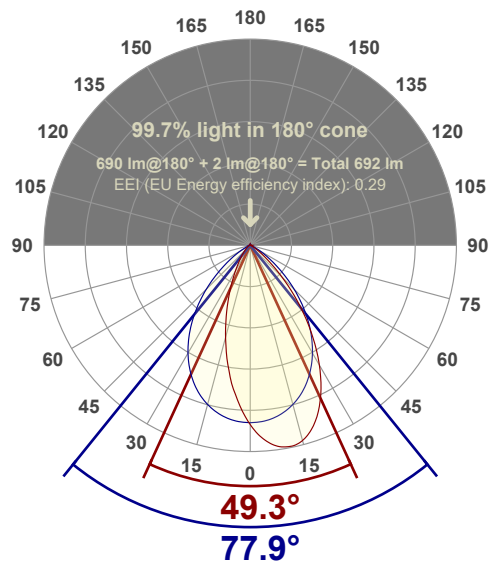
Rg 100.7

Gamut index Rg

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



Angular Distribution Through 0° and 90° Planes



Beam Angle: 77.9°W x 49.3°L

Beam Details

