

## Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-IC-R-HI-35-25-EL1-2-500-FLR-2-BV-30d

Trim Model:

FLR-2-BV-WH

Date:

8/22/2022



Light efficiency:

60 Lumen/Watt

Light quality:

CRI: 94.8

Color temperature:

3457 K

CIE 1931:

x: 0.407  
y: 0.389

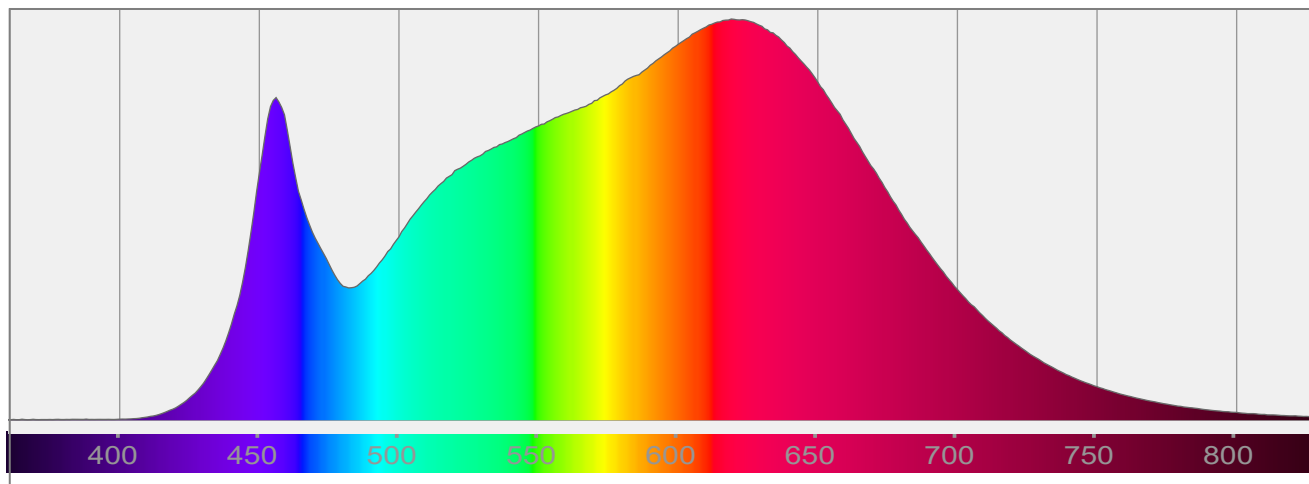
Output: 1178 lm

Peak: 4040 cd

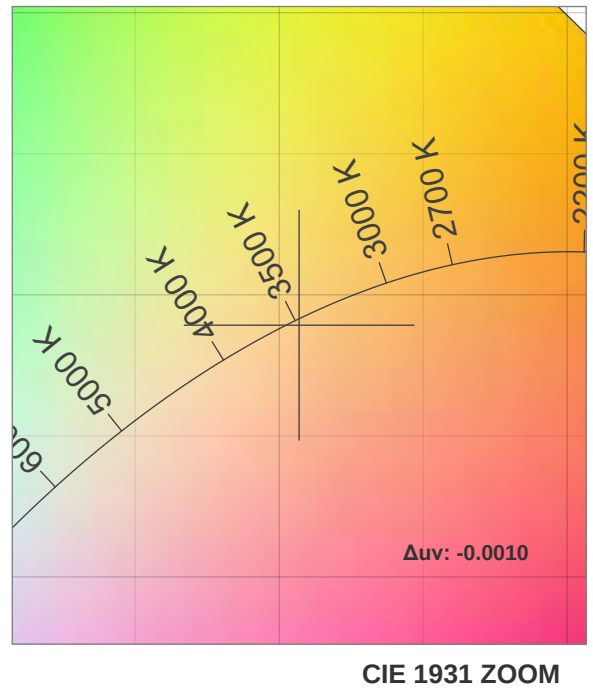
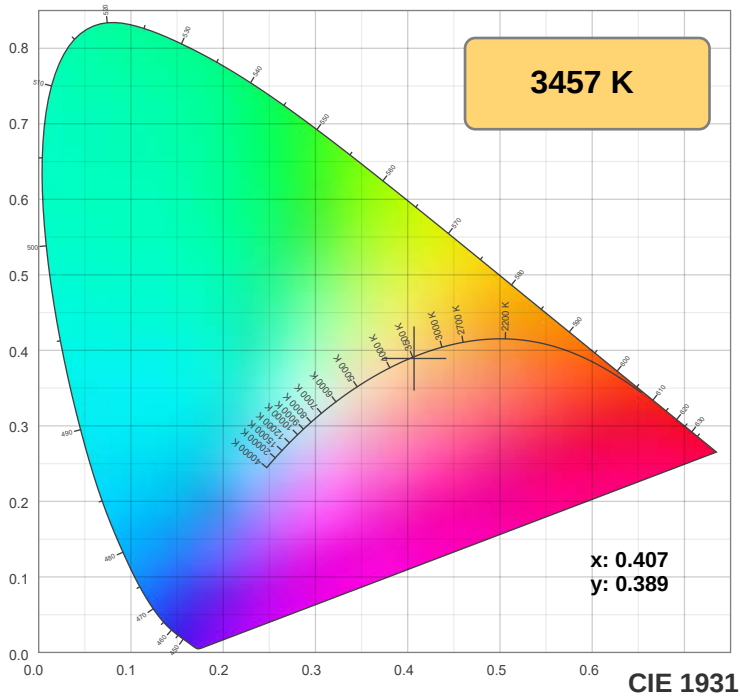
Power: 19.6 W

PF: 0.98

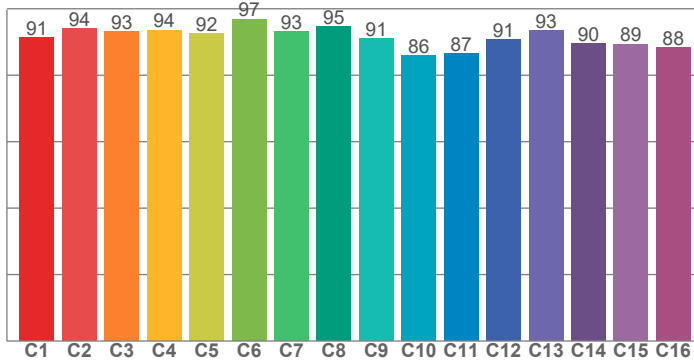
Spectra:



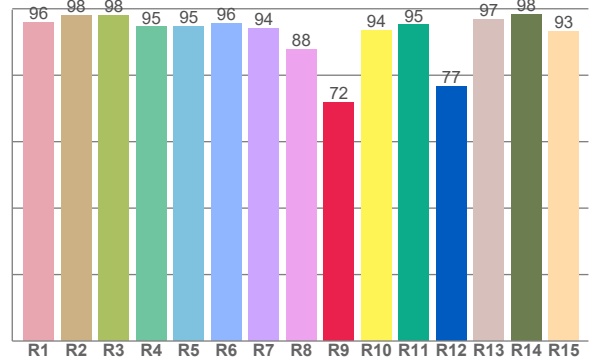
## Color Details



**TM-30: 91.4**



**CRI: 94.8 (R1-R8)**



**CRI R Values:**

| R1   | R2   | R3   | R4   | R5   | R6   | R7   | R8   | R9   | R10  | R11  | R12  | R13  | R14  | R15  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 95.8 | 98.0 | 97.9 | 94.5 | 94.6 | 95.6 | 94.0 | 87.7 | 71.8 | 93.6 | 95.1 | 76.7 | 96.8 | 98.3 | 93.1 |

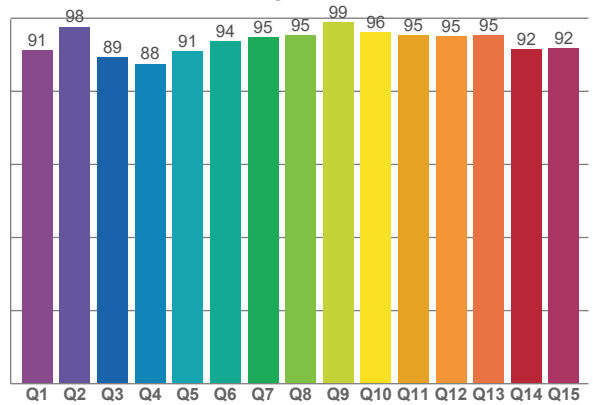
**TM30 C Values:**

| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 91.4 | 94.0 | 93.2 | 93.6 | 92.5 | 96.9 | 93.0 | 94.7 | 90.9 | 86.0 | 86.6 | 90.7 | 93.5 | 89.5 | 89.4 | 88.3 |

**CQS Q values:**

| Q1   | Q2   | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  | Q13  | Q14  | Q15  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 91.4 | 97.7 | 89.2 | 87.5 | 91.1 | 93.7 | 94.8 | 95.3 | 98.9 | 96.1 | 95.3 | 95.2 | 95.3 | 91.6 | 91.7 |

**CQS: 92.9**



**Color Parameters:**

| CCT    | CRI  | CRI R9 | TM30 Rf | TM30 Rg | CQS  | x     | y     | u     | v     | Δuv     |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|---------|
| 3457 K | 94.8 | 71.8   | 91.4    | 98.4    | 92.9 | 0.407 | 0.389 | 0.237 | 0.341 | -0.0010 |

# TM-30 Details

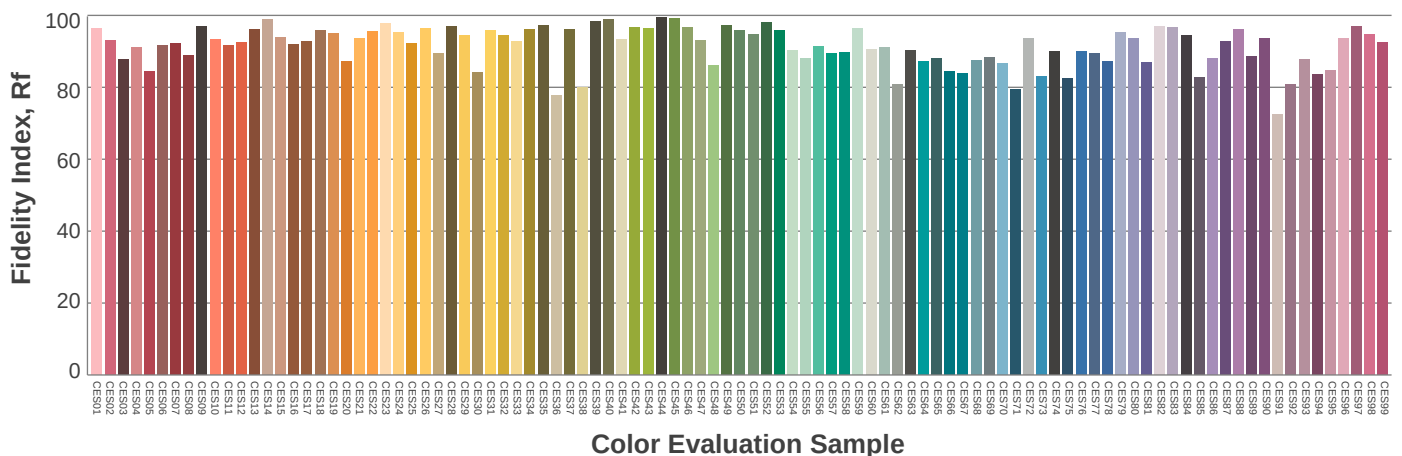
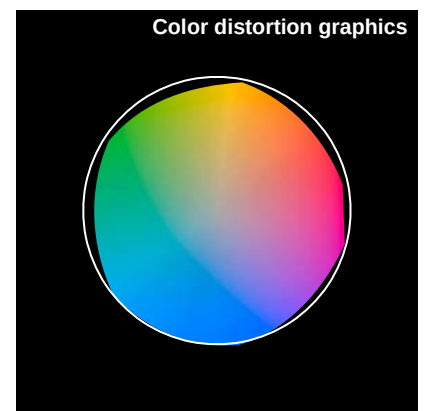
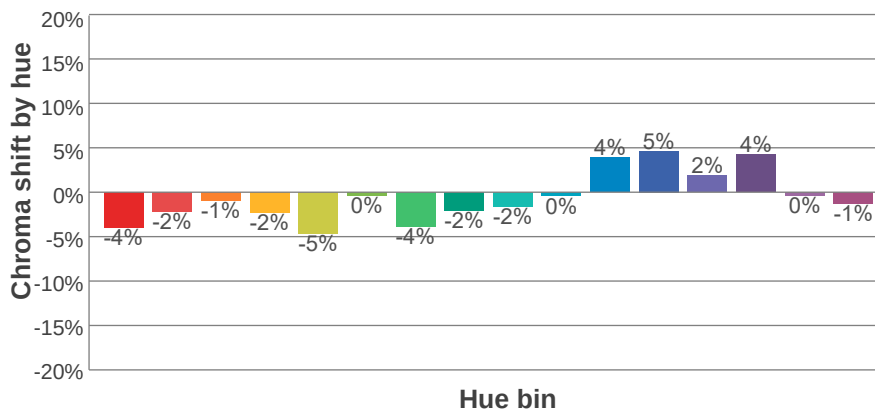
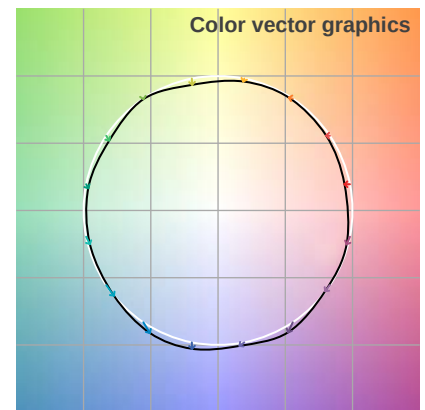
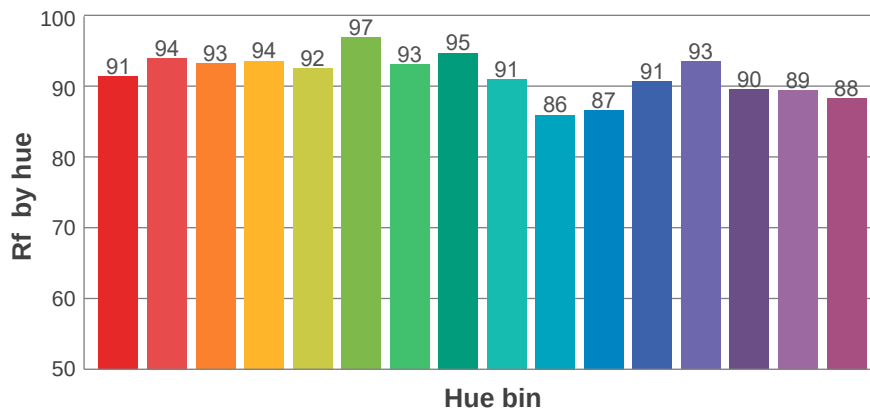
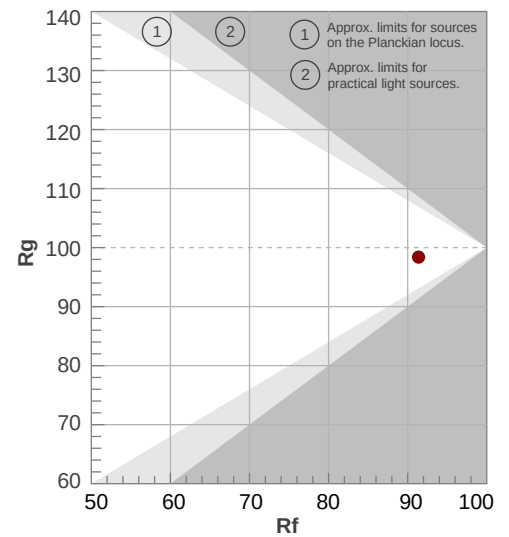
**Rf 91.4**

Fidelity index Rf

**Rg 98.4**

Gamut index Rg

| Hue Bin | R <sub>f</sub> | Shifts (%) |     |
|---------|----------------|------------|-----|
|         |                | Chroma     | Hue |
| 1       | 91             | -4%        | 1%  |
| 2       | 94             | -2%        | 2%  |
| 3       | 93             | -1%        | 3%  |
| 4       | 94             | -2%        | 0%  |
| 5       | 92             | -5%        | 1%  |
| 6       | 97             | 0%         | 0%  |
| 7       | 93             | -4%        | 2%  |
| 8       | 95             | -2%        | 3%  |
| 9       | 91             | -2%        | 6%  |
| 10      | 86             | 0%         | 10% |
| 11      | 87             | 4%         | 8%  |
| 12      | 91             | 5%         | 1%  |
| 13      | 93             | 2%         | -4% |
| 14      | 90             | 4%         | -7% |
| 15      | 89             | 0%         | -6% |
| 16      | 88             | -1%        | -6% |



## Aiming Angle

