

## Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-IC-R-HI3500-60-EL1-2-500-FLR-2-WW-20d

Trim Model:

FLR-2-WW-WH

Date:

8/10/2022



Light efficiency:

60 Lumen/Watt

Light quality:

CRI: 94.8

Color temperature:

3441 K

CIE 1931:

x: 0.408  
y: 0.390

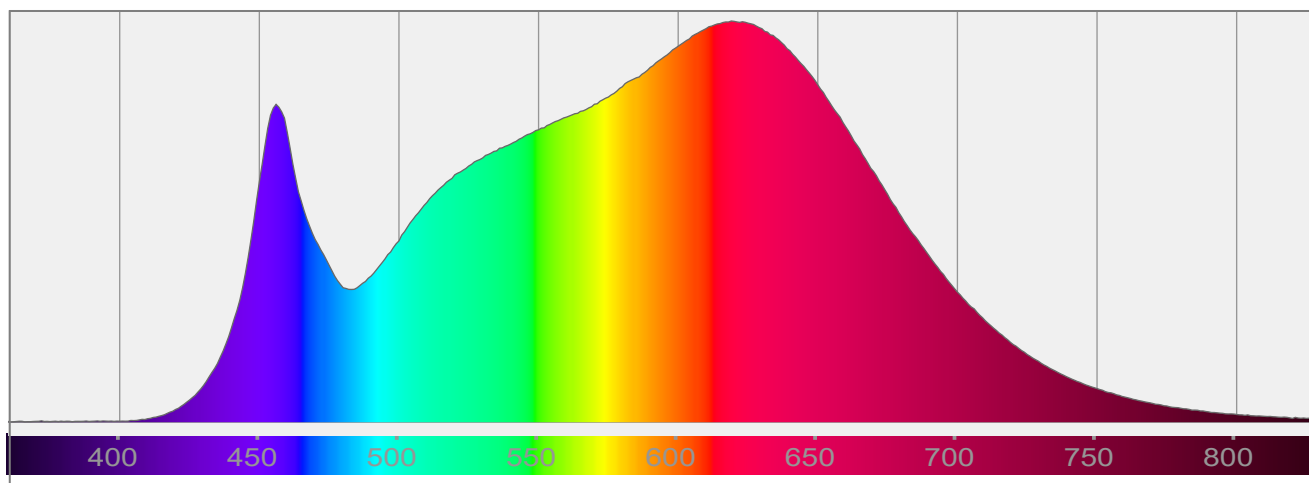
Output: 1180 lm

Peak: 960 cd

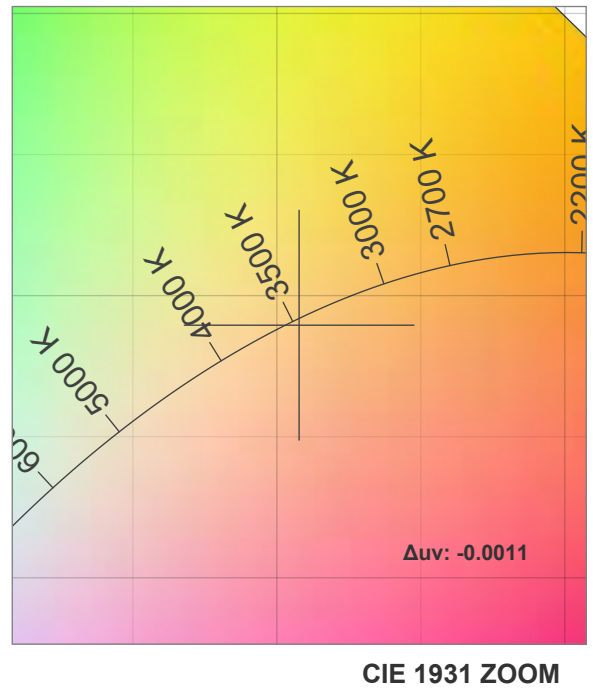
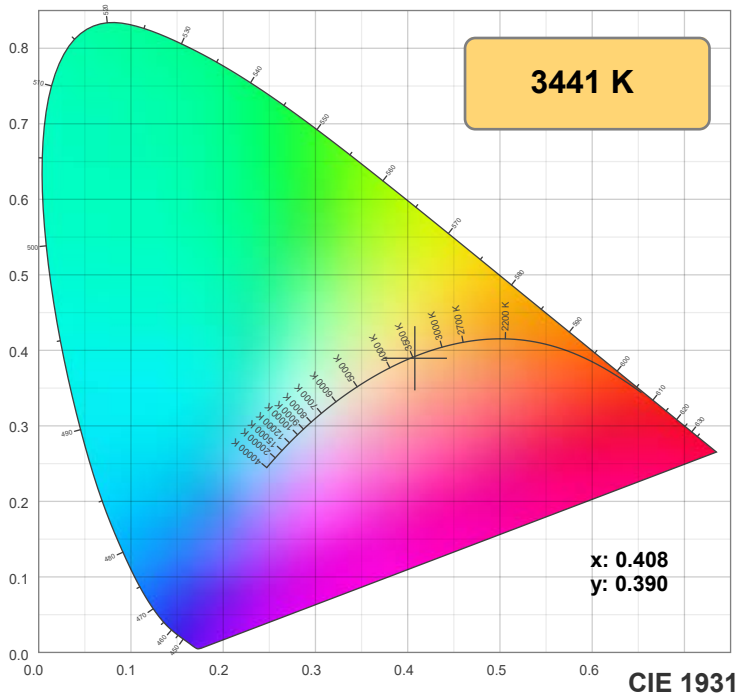
Power: 19.6 W

PF: 0.98

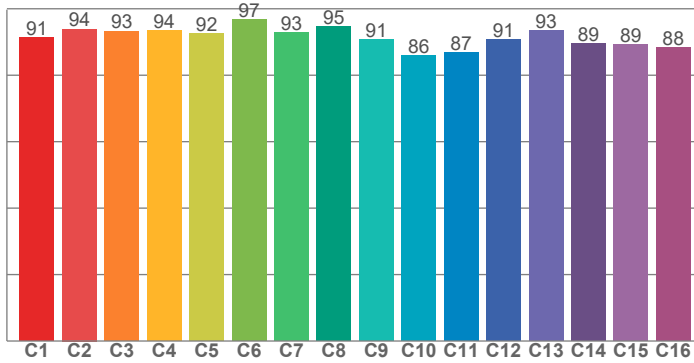
Spectra:



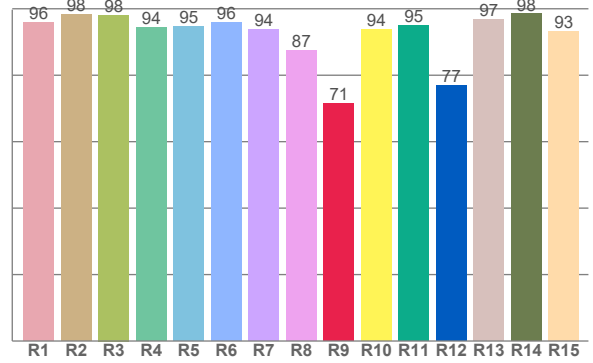
## Color Details



**TM-30: 91.3**



**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 | 98.2 | 98.1 | 94.4 | 94.6 | 95.7 | 93.8 | 87.5 | 71.5 | 93.9 | 95.1 | 77.0 | 96.9 | 98.5 | 93.0 |

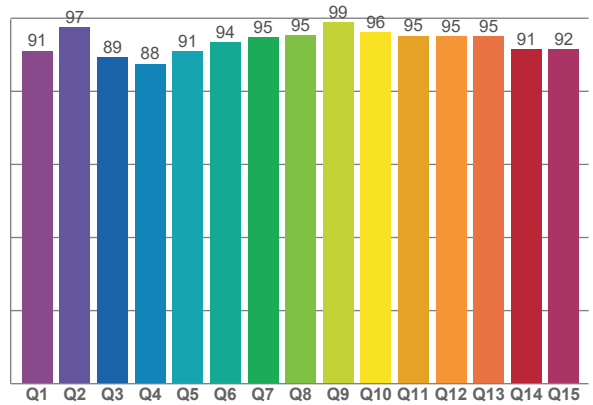
**TM30 C Values:**

| C1   | C2   | C3   | C4   | C5   | C6   | C7   | C8   | C9   | C10  | C11  | C12  | C13  | C14  | C15  | C16  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 91.3 | 93.9 | 93.3 | 93.6 | 92.4 | 96.9 | 92.9 | 94.6 | 90.8 | 85.9 | 86.8 | 90.7 | 93.3 | 89.5 | 89.3 | 88.3 |

**CQS Q values:**

| Q1   | Q2   | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  | Q13  | Q14  | Q15  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 91.1 | 97.5 | 89.3 | 87.5 | 90.9 | 93.5 | 94.8 | 95.2 | 98.9 | 96.1 | 95.2 | 95.1 | 95.1 | 91.4 | 91.5 |

**CQS: 92.8**



**Color Parameters:**

| CCT    | CRI  | CRI R9 | TM30 Rf | TM30 Rg | CQS  | x     | y     | u     | v     | Δuv     |
|--------|------|--------|---------|---------|------|-------|-------|-------|-------|---------|
| 3441 K | 94.8 | 71.5   | 91.3    | 98.3    | 92.8 | 0.408 | 0.390 | 0.238 | 0.341 | -0.0011 |

# TM-30 Details

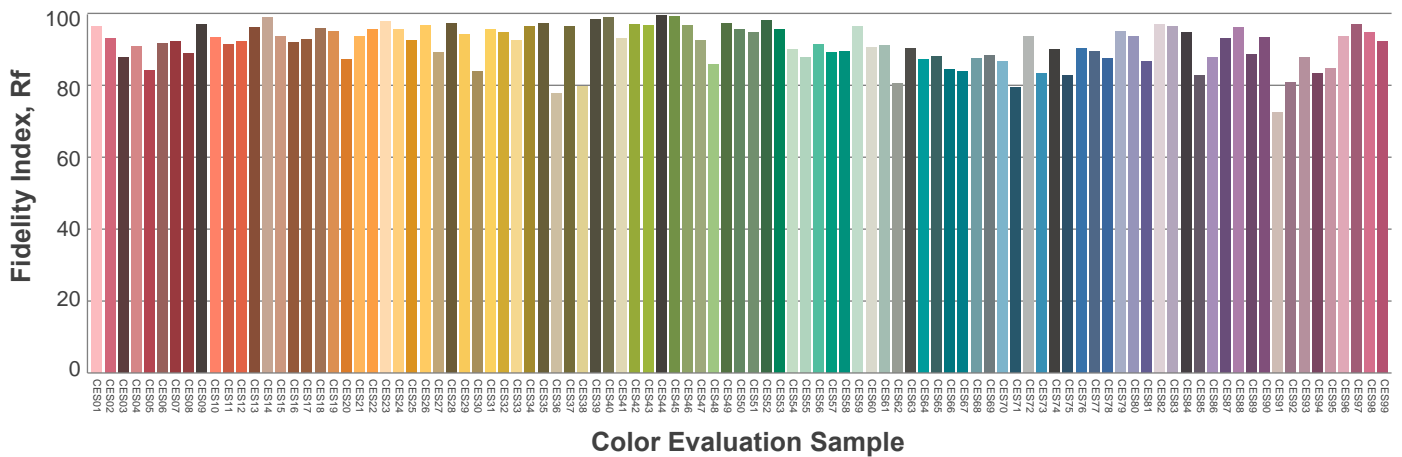
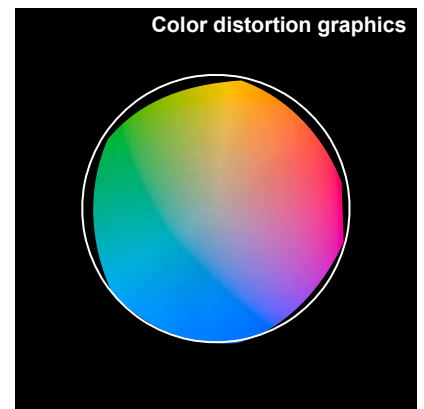
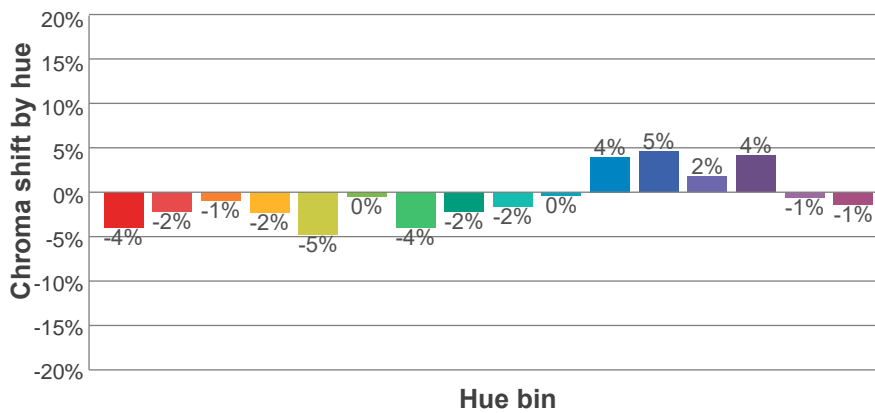
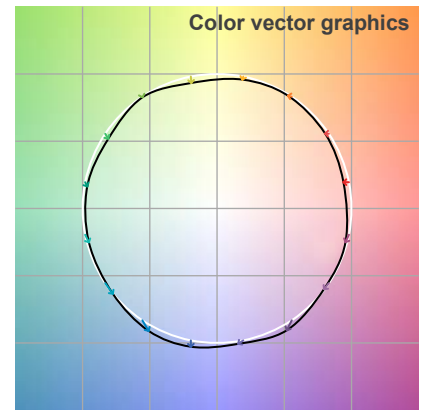
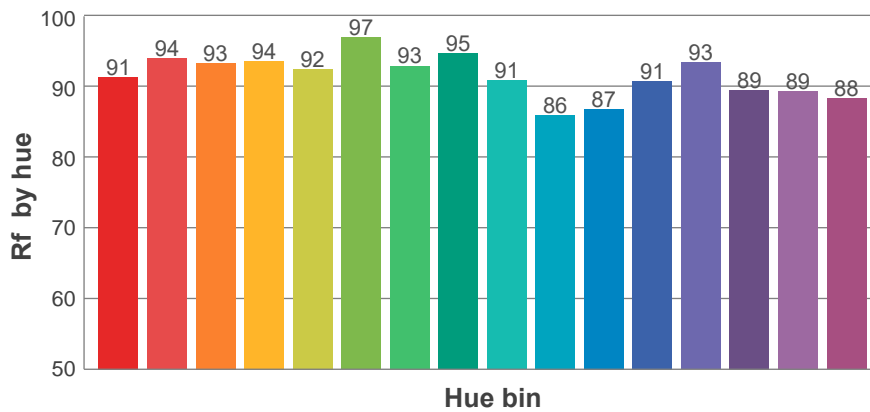
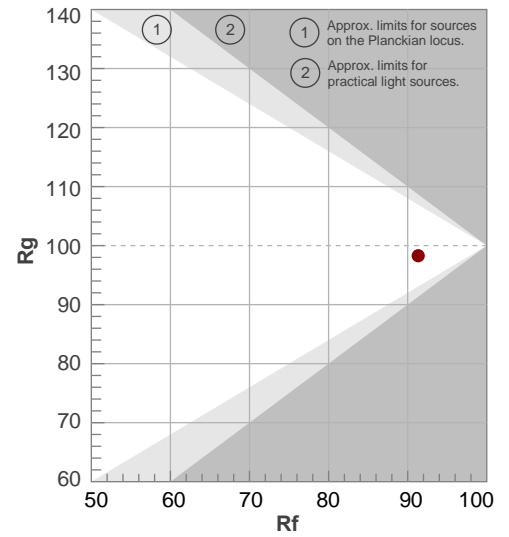
**Rf 91.3**

Fidelity index Rf

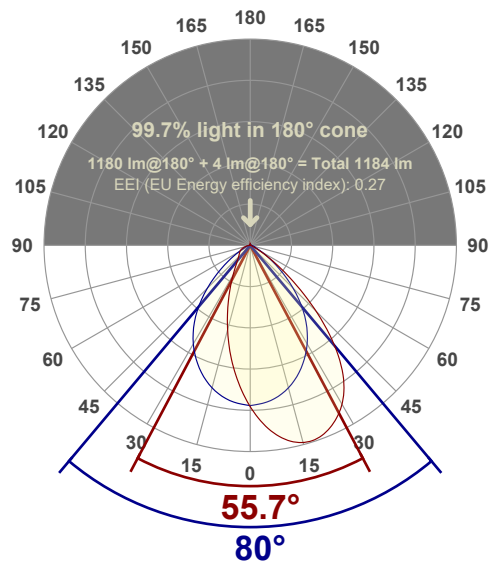
**Rg 98.3**

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      | 89             | 4%         | -7% |
| 15      | 89             | -1%        | -6% |
| 16      | 88             | -1%        | -6% |



## Angular Distribution Through 0° and 90° Planes



**Beam Angle: 80°W x 55.7°L**

## Beam Details

