

## Photometric / Colorimetric / Electric Report

Fixture Model:

**200-HD-R-HI3500-25-EL1-2-650-FLR-2-NIC-30d**

Trim Model:

**FLR-2-WH**

Date:

**8/19/2022**



Light efficiency:

**26 Lumen/Watt**

Light quality:

**CRI: 94.4**

Color temperature:

**3507 K**

CIE 1931:

**x: 0.404  
y: 0.387**

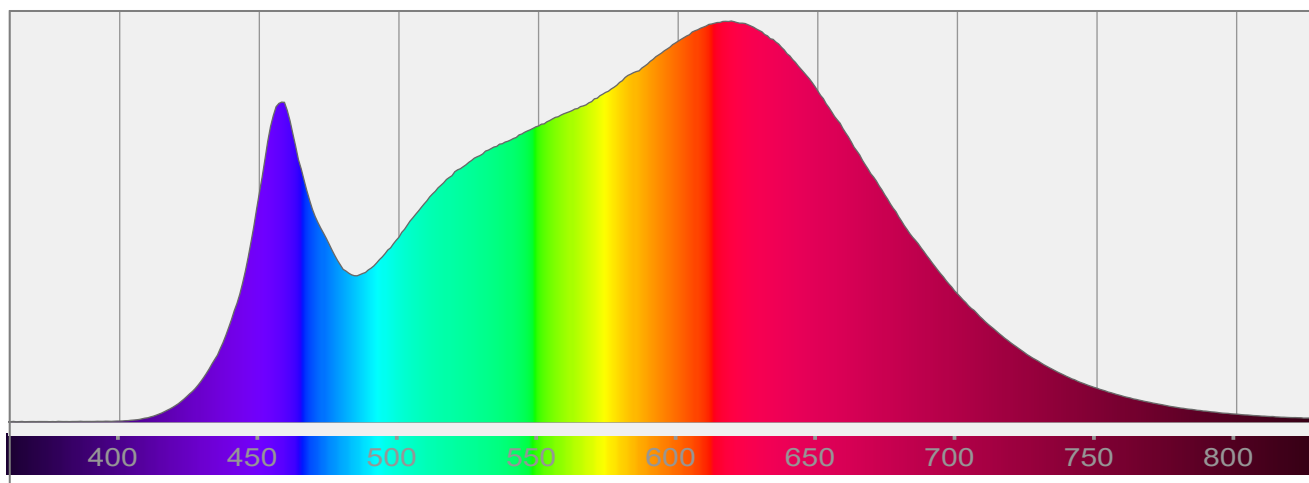
**Output: 694 lm**

**Peak: 3741 cd**

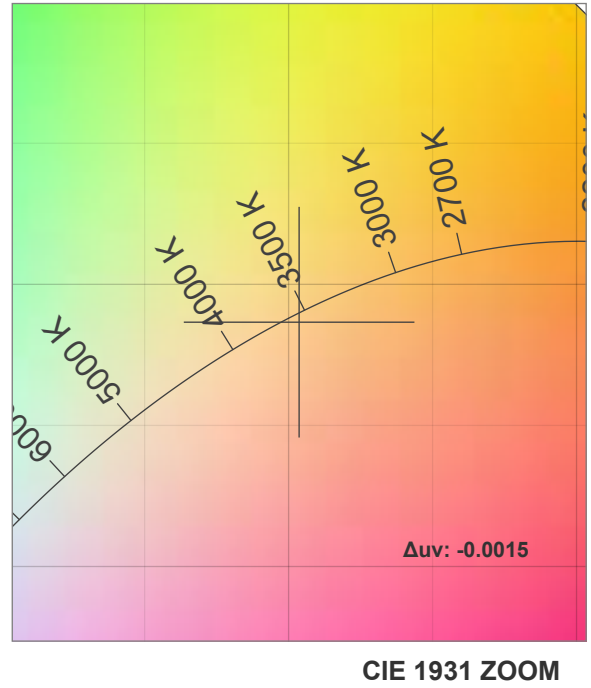
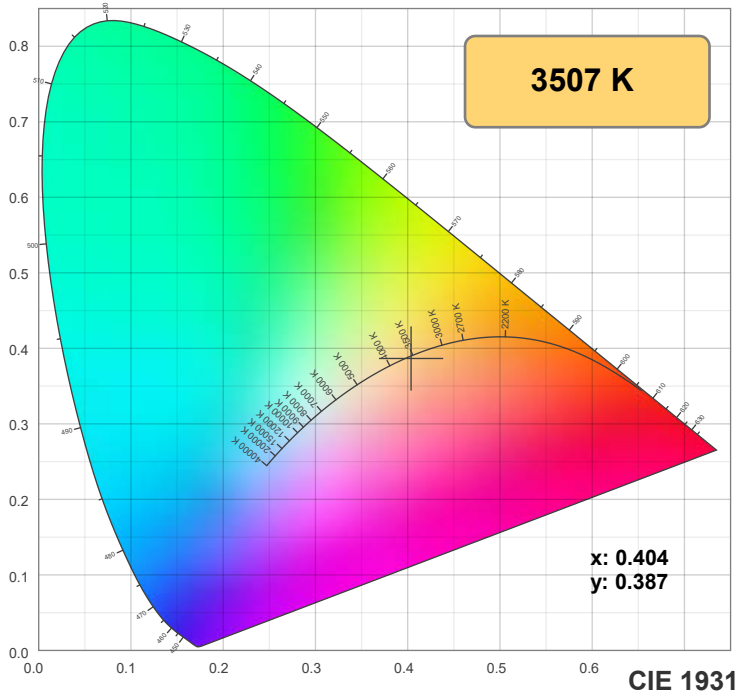
**Power: 26.2 W**

**PF: 0.98**

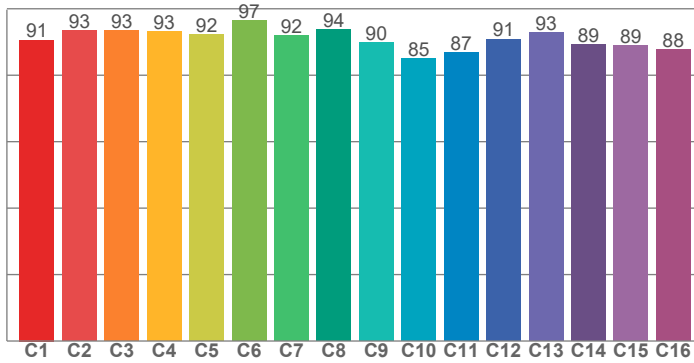
Spectra:



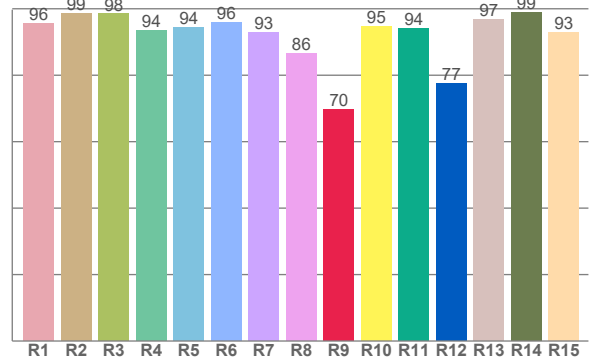
## Color Details



**TM-30: 90.9**



**CRI: 94.4 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.5	98.6	98.5	93.5	94.3	95.8	92.9	86.4	69.7	94.7	94.1	77.5	96.9	99.0	92.8

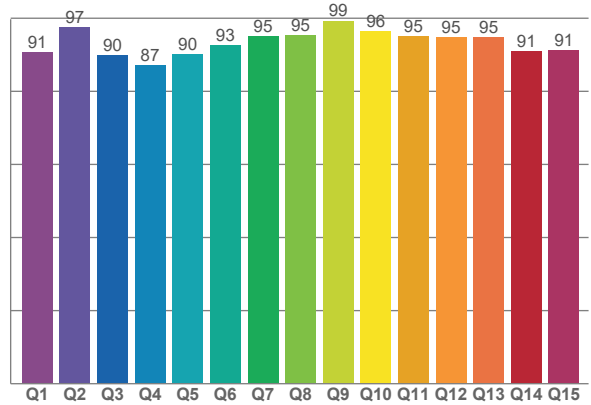
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.6	93.5	93.4	93.3	92.2	96.5	92.0	93.6	89.8	85.1	86.9	90.9	92.9	89.2	88.8	87.8

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.7	97.5	89.9	87.2	90.1	92.6	95.0	95.2	99.3	96.5	95.1	94.8	94.8	91.0	91.2

**CQS: 92.6**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3507 K	94.4	69.7	90.9	97.7	92.6	0.404	0.387	0.236	0.340	-0.0015

# TM-30 Details

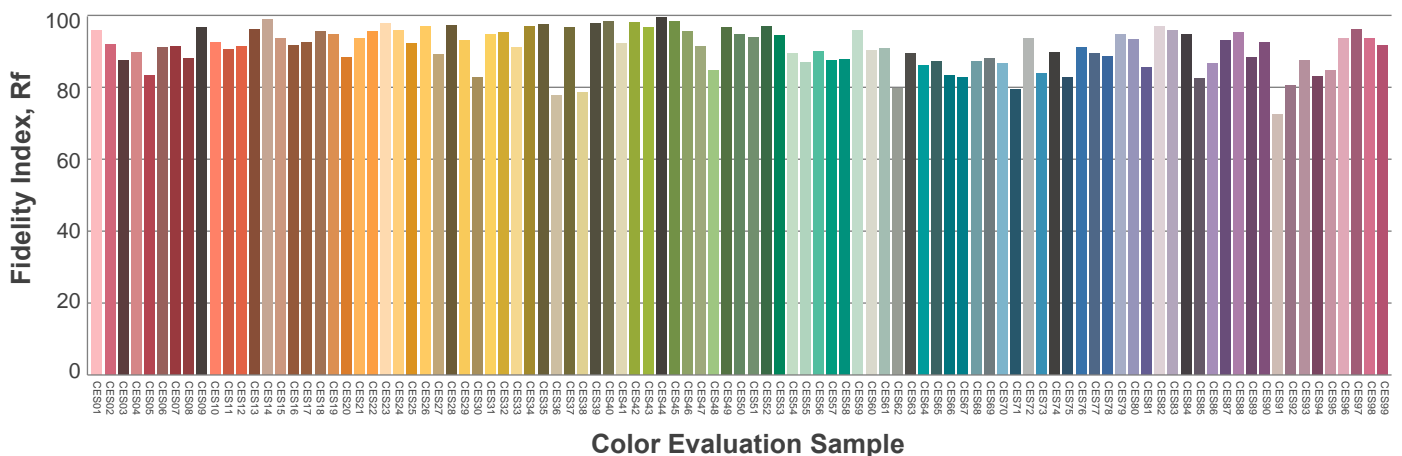
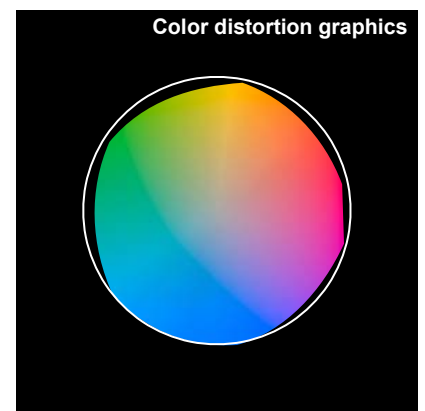
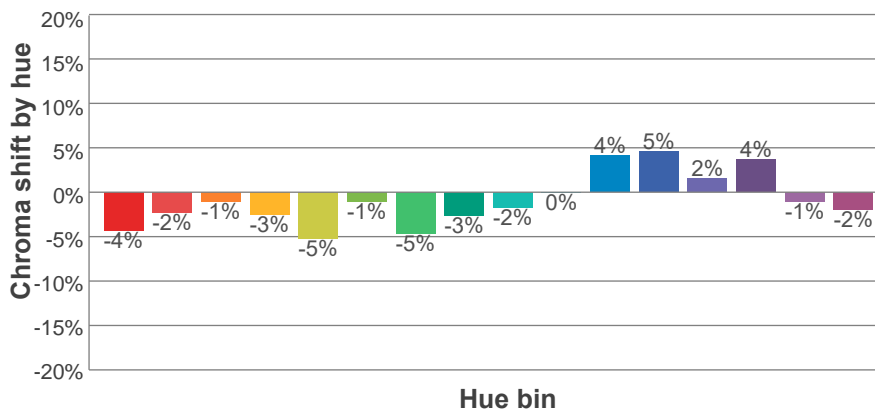
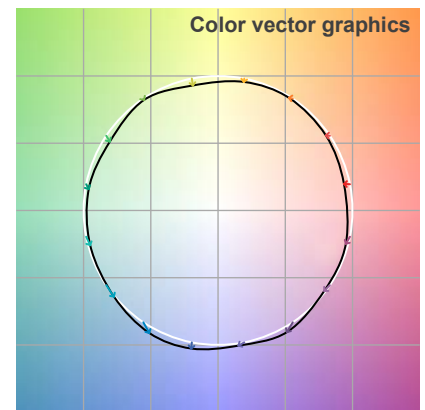
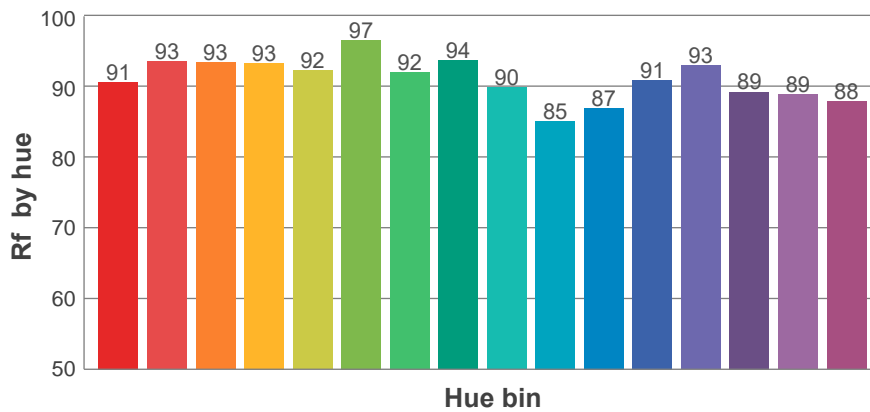
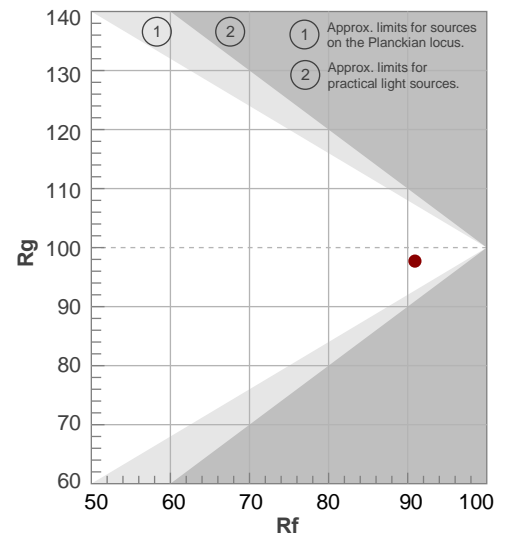
**Rf 90.9**

Fidelity index Rf

**Rg 97.7**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-4%	1%
2	93	-2%	2%
3	93	-1%	3%
4	93	-3%	0%
5	92	-5%	0%
6	97	-1%	0%
7	92	-5%	2%
8	94	-3%	3%
9	90	-2%	7%
10	85	0%	10%
11	87	4%	8%
12	91	5%	0%
13	93	2%	-5%
14	89	4%	-8%
15	89	-1%	-6%
16	88	-2%	-6%



Color Evaluation Sample

## Aiming Angle

