

## Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-S-HI3500-60-EL1-2-650-FLS-2-BV-NIC-30d

Trim Model:

FLS-2-BV-WH

Date:

8/12/2022



Light efficiency:

62 Lumen/Watt

Light quality:

CRI: 94.5

Color temperature:

3492 K

CIE 1931:

x: 0.405  
y: 0.387

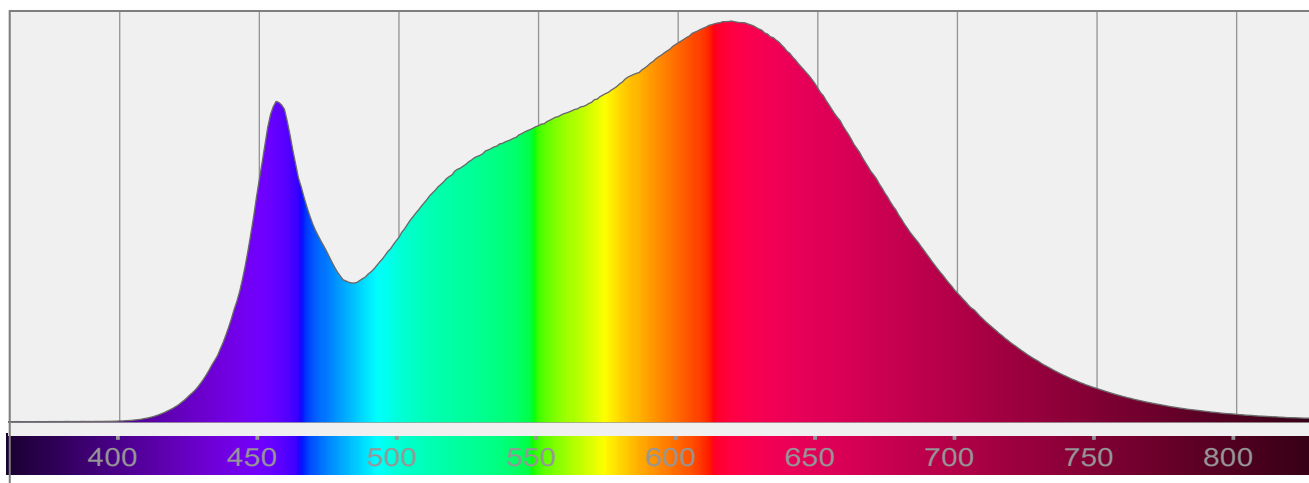
Output: 1627 lm

Peak: 2152 cd

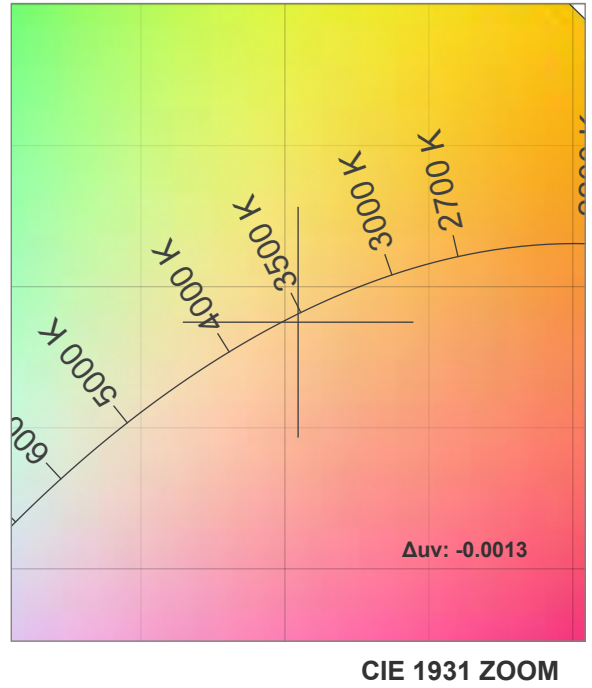
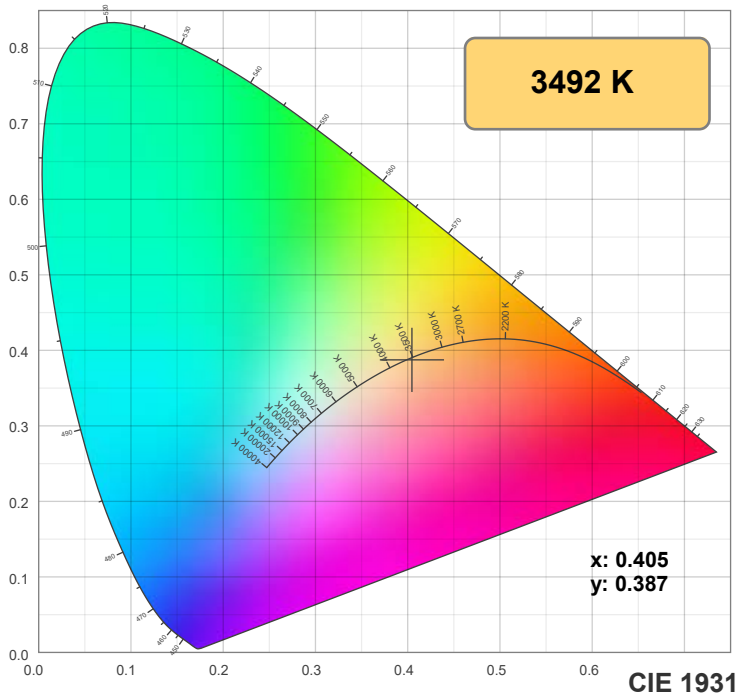
Power: 26.4 W

PF: 0.98

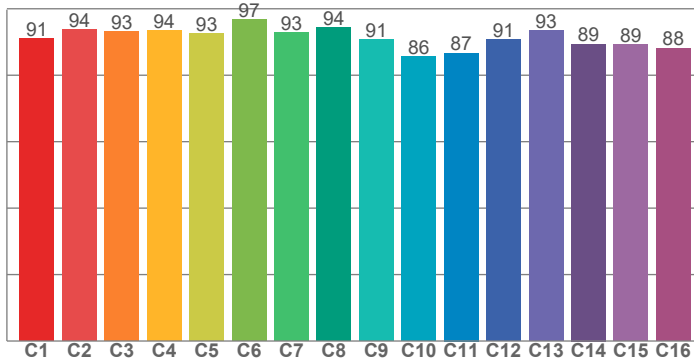
Spectra:



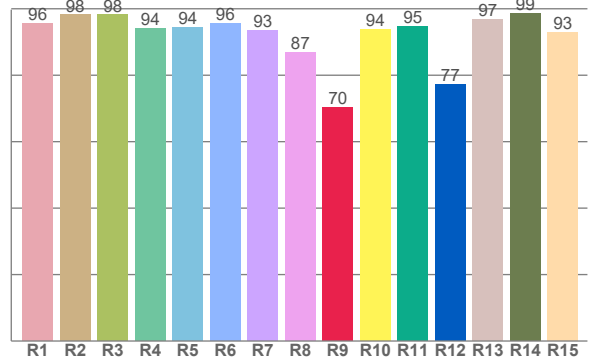
## Color Details



**TM-30: 91.2**



**CRI: 94.5 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.5	98.1	98.1	94.0	94.4	95.6	93.5	86.9	70.3	93.8	94.6	77.1	96.7	98.5	92.8

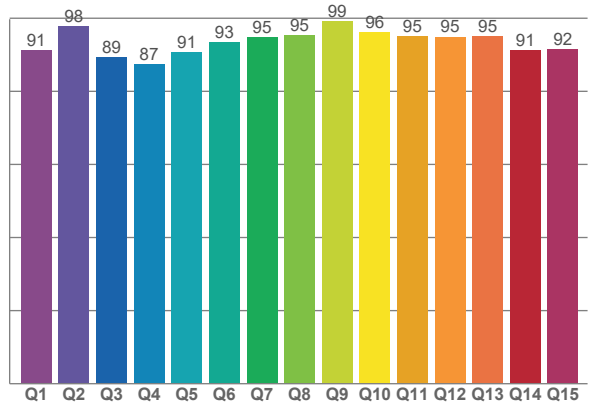
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.0	93.6	93.0	93.5	92.5	96.8	92.9	94.4	90.7	85.7	86.7	90.7	93.3	89.4	89.2	88.2

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.3	97.8	89.4	87.4	90.8	93.4	94.9	95.3	99.2	96.2	95.1	94.9	95.0	91.3	91.5

**CQS: 92.9**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3492 K	94.5	70.3	91.2	98.2	92.9	0.405	0.387	0.237	0.340	-0.0013

# TM-30 Details

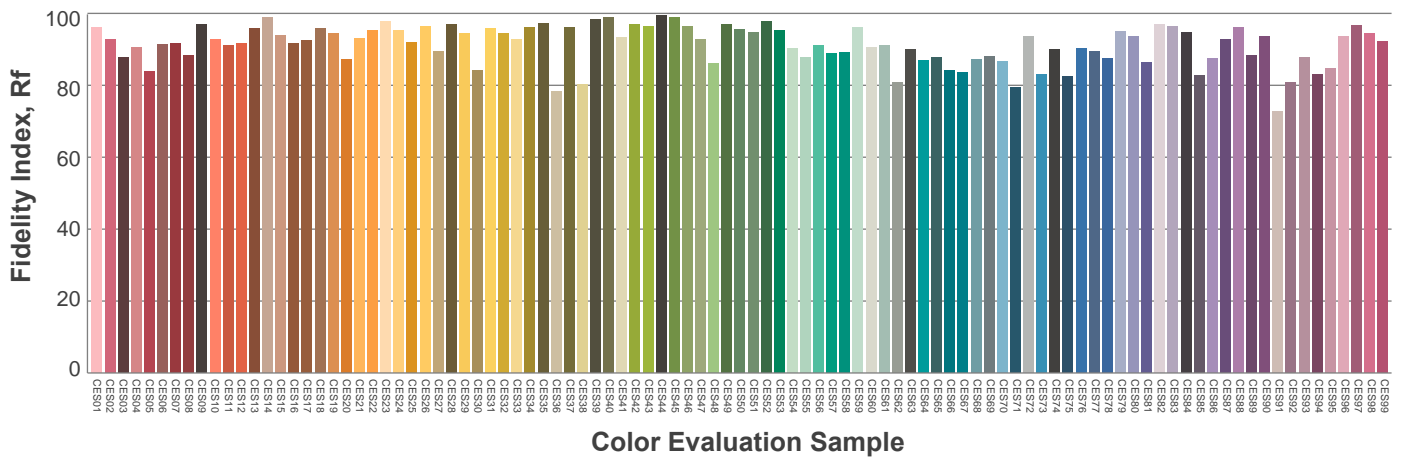
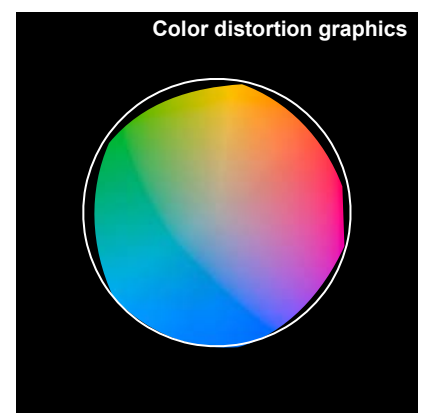
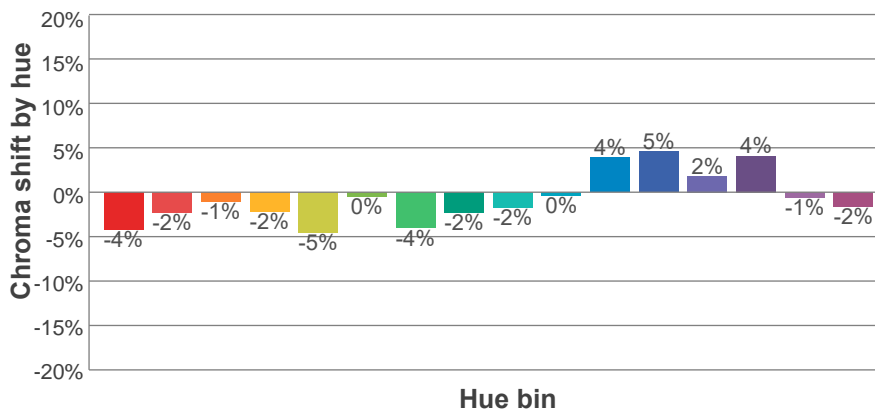
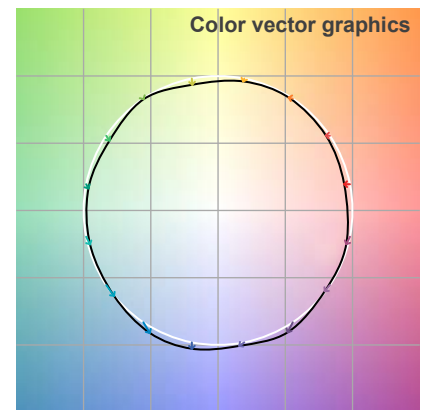
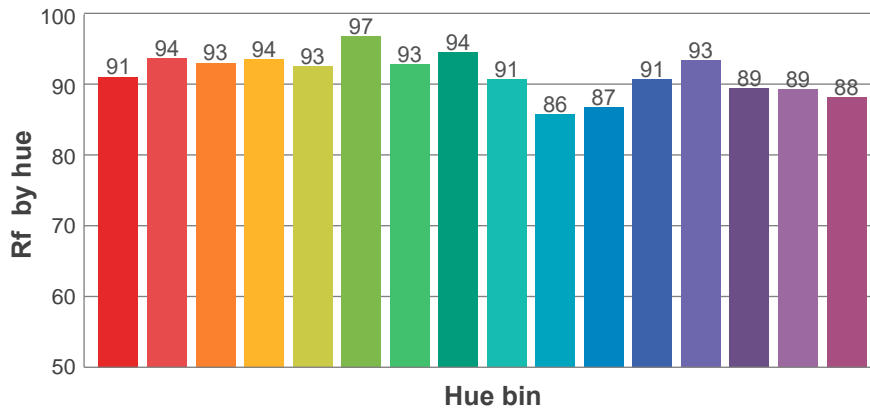
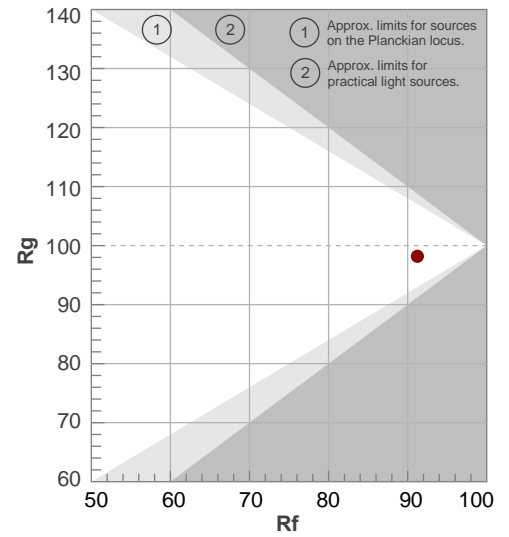
**Rf 91.2**

Fidelity index Rf

**Rg 98.2**

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	93	-5%	1%
6	97	0%	0%
7	93	-4%	2%
8	94	-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	-2%	-6%



## Aiming Angle

