

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-IC-R-HI3500-15-EL1-2-500-FLR-2-30d

Trim Model:

FLR-2-WH

Date:

8/19/2022



Light efficiency:

31 Lumen/Watt

Light quality:

CRI: 94.8

Color temperature:

3496 K

CIE 1931:

x: 0.404
y: 0.387

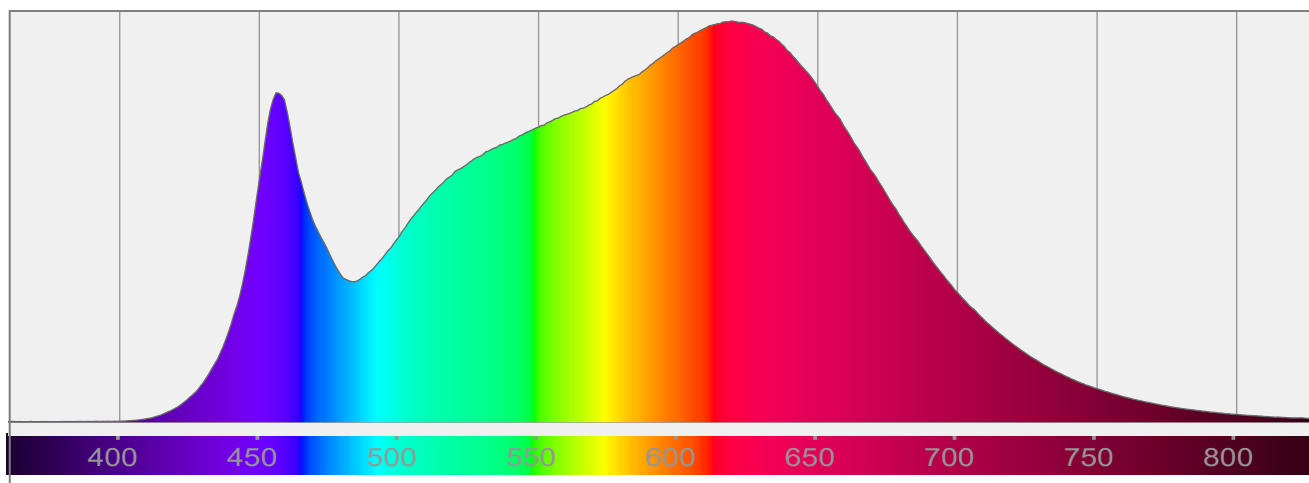
Output: 597 lm

Peak: 4343 cd

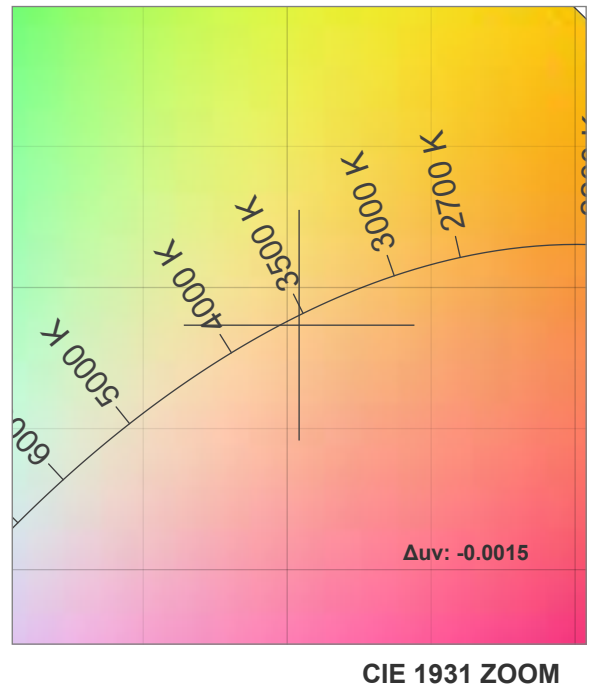
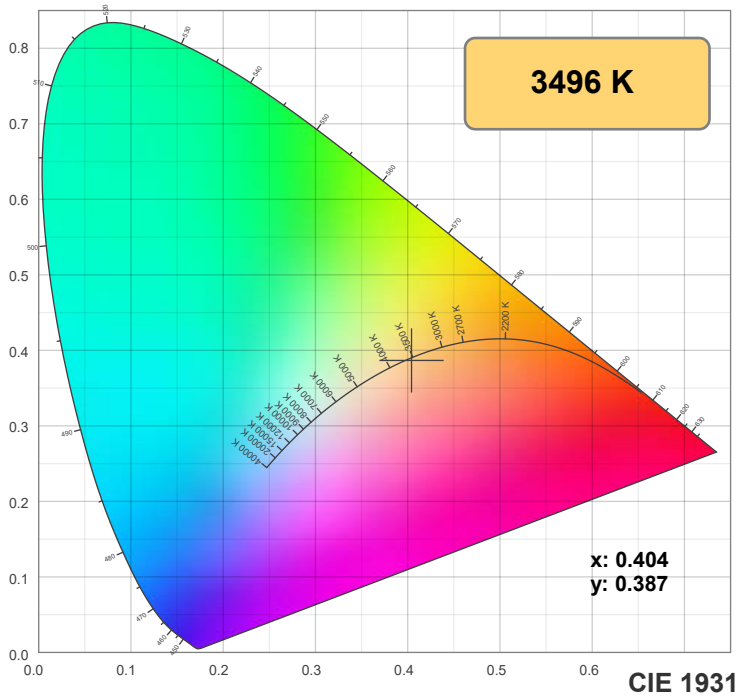
Power: 19.4 W

PF: 0.98

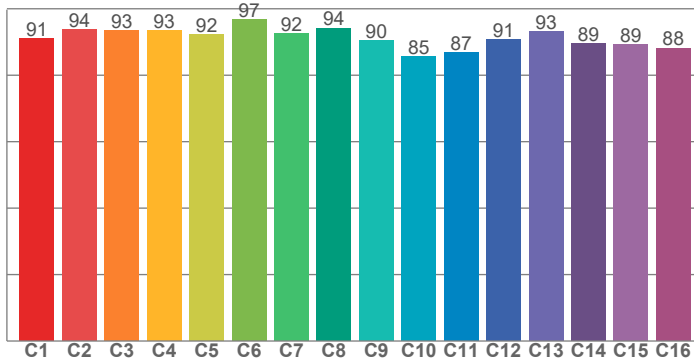
Spectra:



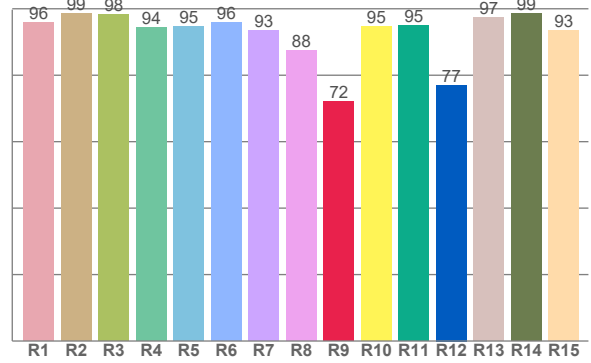
Color Details



TM-30: 91.2



CRI: 94.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.0	98.6	98.3	94.3	94.8	95.8	93.5	87.5	72.1	94.7	94.9	77.1	97.3	98.7	93.4

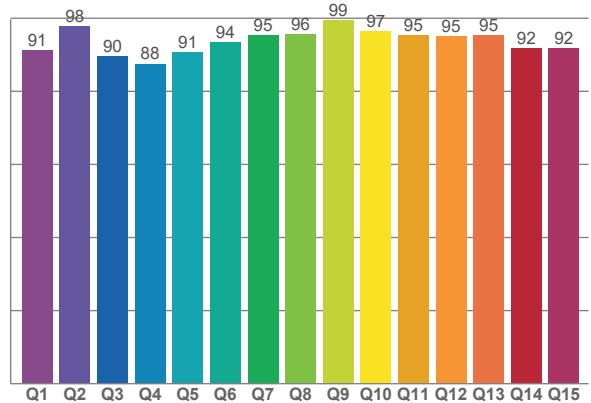
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.1	93.9	93.4	93.4	92.3	96.7	92.5	94.2	90.3	85.5	86.7	90.7	93.2	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	89.7	87.5	90.8	93.5	95.2	95.5	99.3	96.5	95.4	95.2	95.3	91.8	91.9

CQS: 93.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3496 K	94.8	72.1	91.2	98.2	93.1	0.404	0.387	0.237	0.340	-0.0015

TM-30 Details

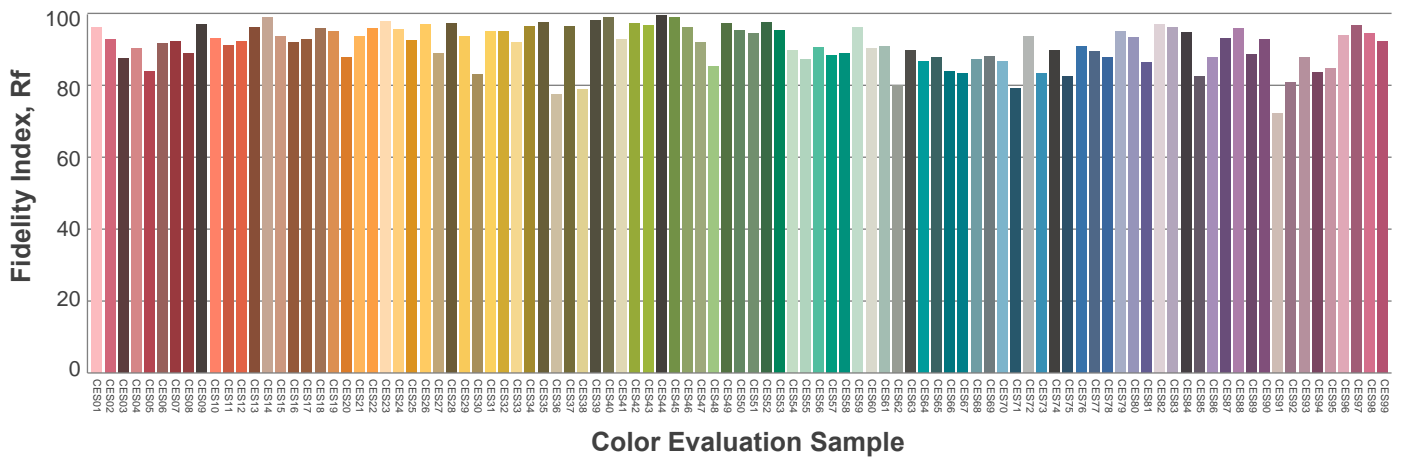
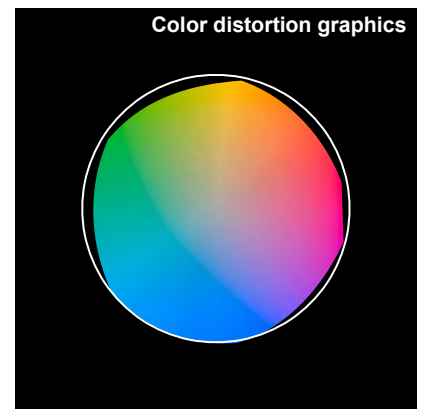
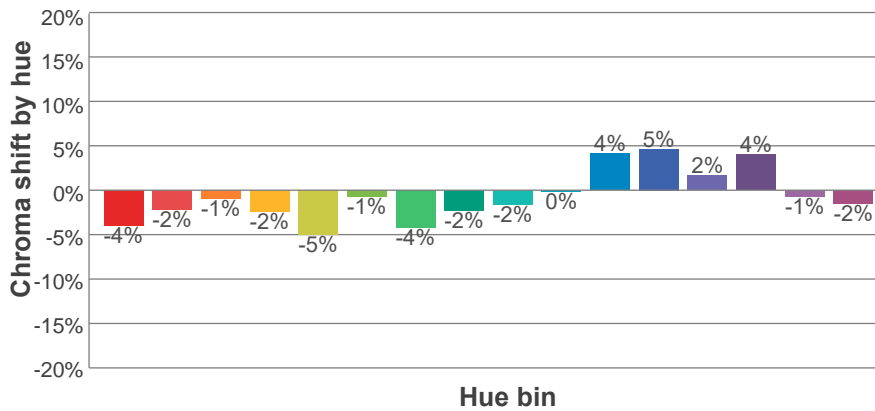
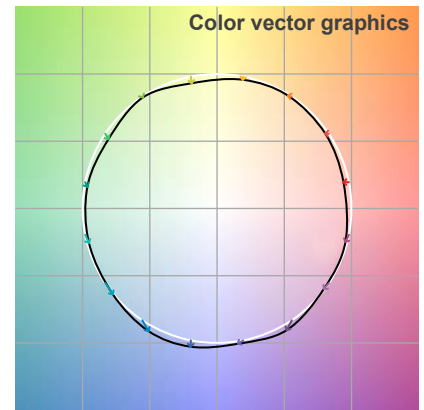
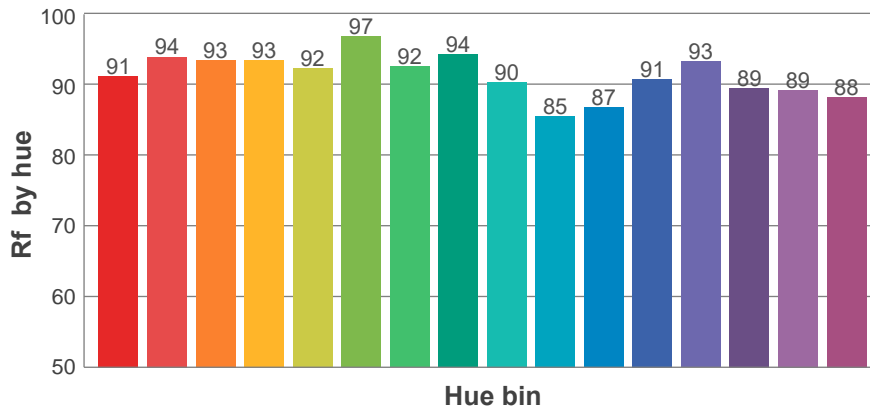
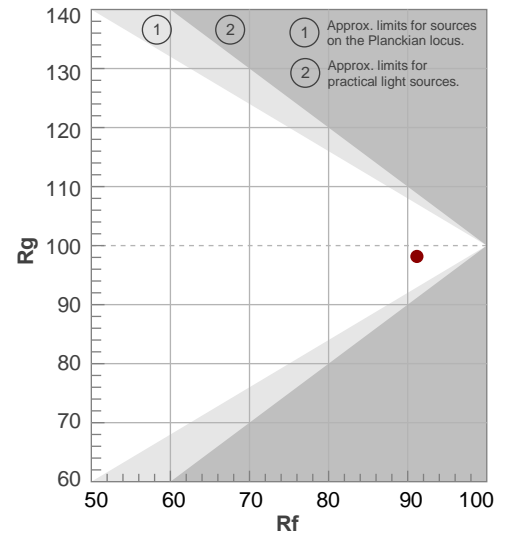
Rf 91.2

Fidelity index Rf

Rg 98.2

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-4%	1%
2	94	-2%	2%
3	93	-1%	3%
4	93	-2%	0%
5	92	-5%	0%
6	97	-1%	0%
7	92	-4%	2%
8	94	-2%	3%
9	90	-2%	6%
10	85	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

