

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-R-HI3500-40-EL1-2-650-FLR-2-BV-NIC-30d

Trim Model:

FLR-2-BV-WH

Date:

8/19/2022



Light efficiency:

61 Lumen/Watt

Light quality:

CRI: 94.4

Color temperature:

3505 K

CIE 1931:

x: 0.404
y: 0.387

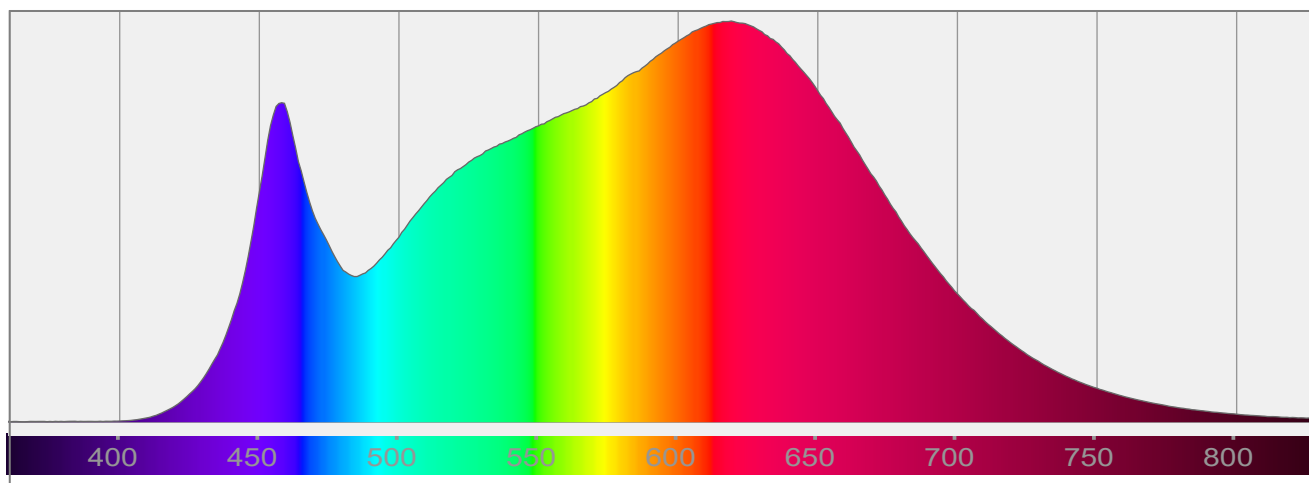
Output: 1608 lm

Peak: 3767 cd

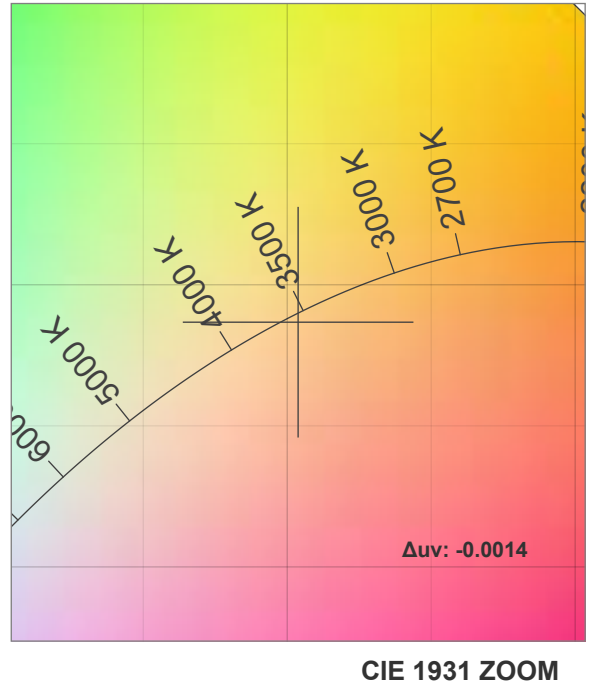
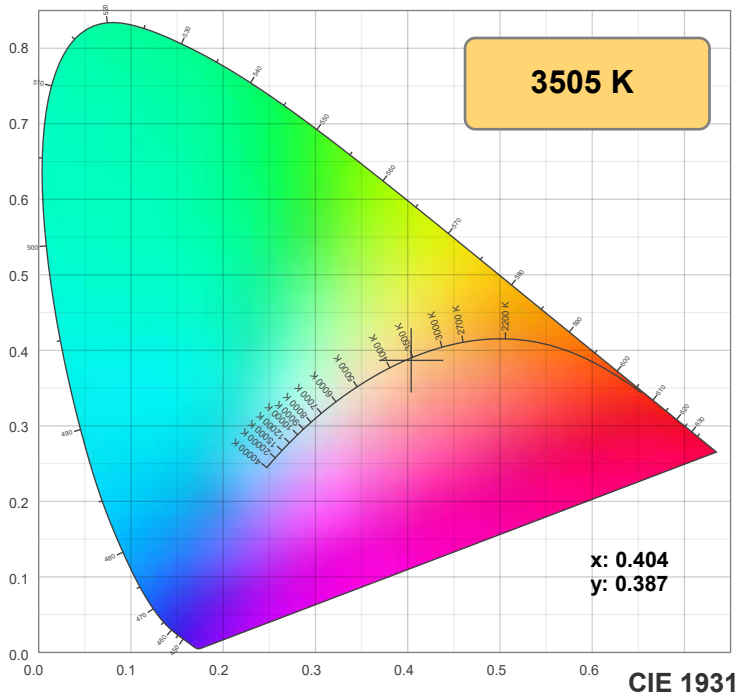
Power: 26.2 W

PF: 0.98

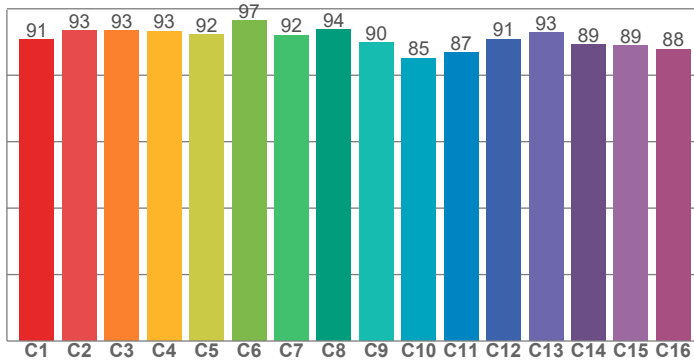
Spectra:



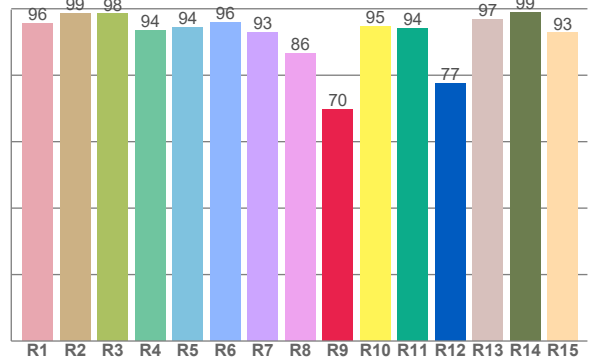
Color Details



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	98.5	98.4	93.6	94.3	95.8	93.0	86.4	69.7	94.5	94.2	77.4	96.9	98.9	92.7

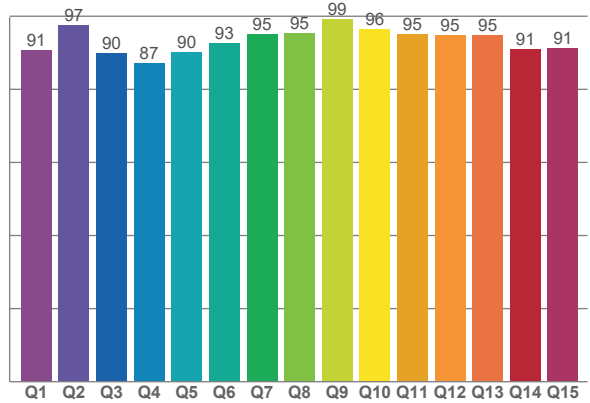
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.6	93.5	93.3	93.3	92.3	96.5	92.1	93.7	89.9	85.2	86.9	90.9	92.9	89.2	88.9	87.9

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.7	97.5	89.8	87.2	90.2	92.7	95.0	95.2	99.3	96.4	95.1	94.8	94.8	91.0	91.2

CQS: 92.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3505 K	94.4	69.7	90.9	97.8	92.7	0.404	0.387	0.236	0.340	-0.0014

TM-30 Details

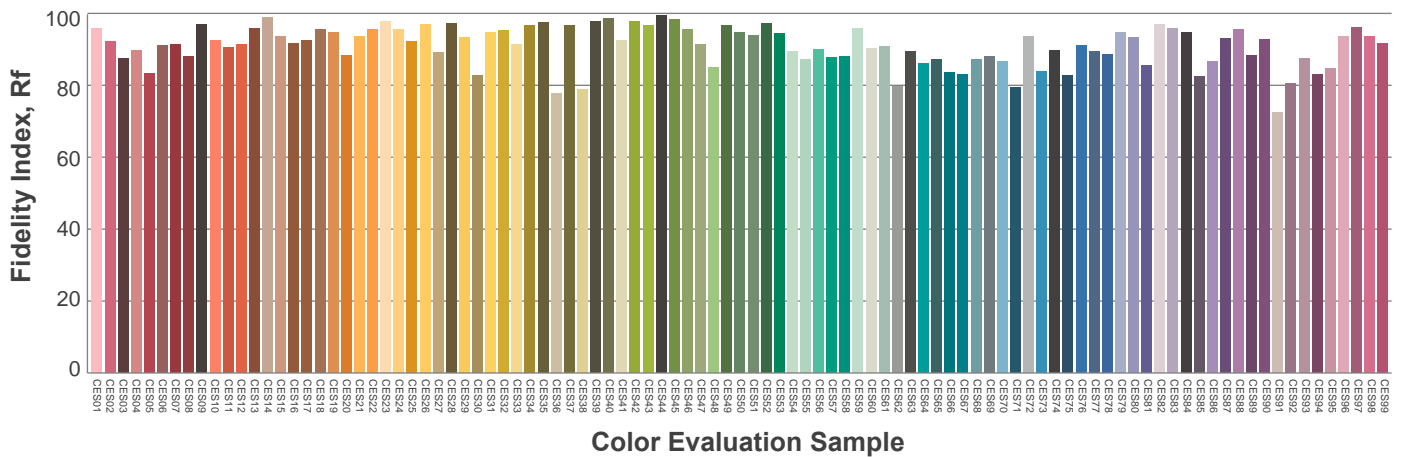
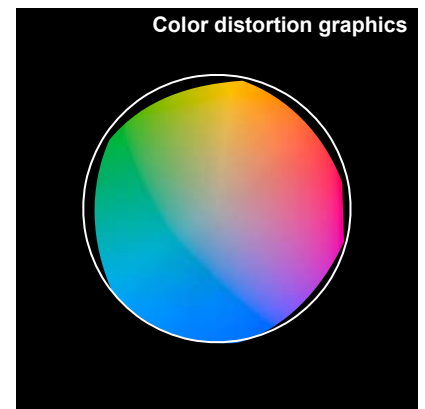
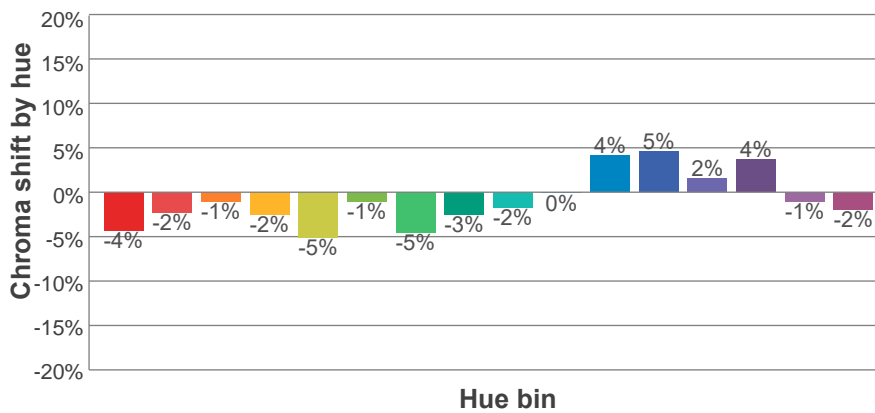
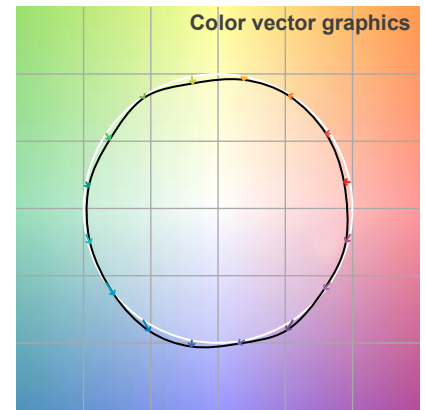
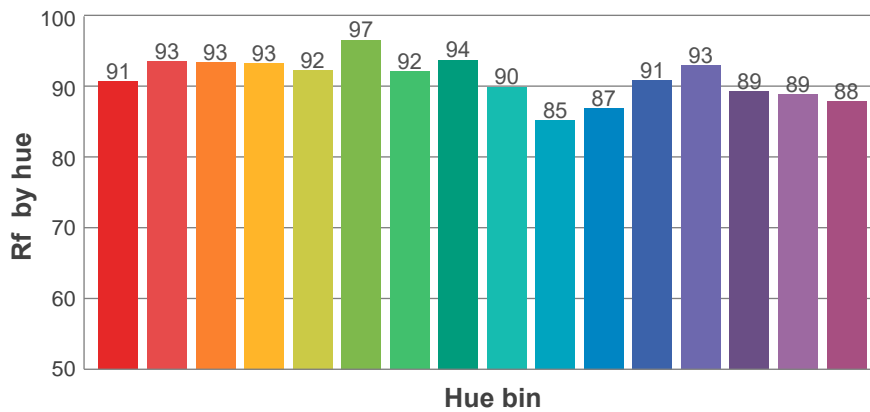
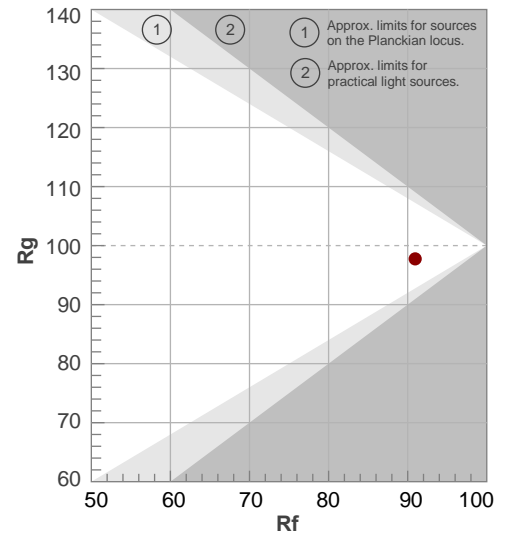
Rf 90.9

Fidelity index Rf

Rg 97.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	91	-4%	1%
2	93	-2%	2%
3	93	-1%	3%
4	93	-2%	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%	1%
13	93	2%	-5%
14	89	4%	-8%
15	89	-1%	-6%
16	88	-2%	-6%



Aiming Angle

