

Photometric / Colorimetric / Electric Report

Fixture Model:

200-HD-IC-R-HI3500-25-EL1-2-500-FLR-2-30d

Trim Model:

FLR-2-WH

Date:

8/22/2022



Light efficiency:

32 Lumen/Watt

Light quality:

CRI: 94.8

Color temperature:

3470 K

CIE 1931:

x: 0.406
y: 0.388

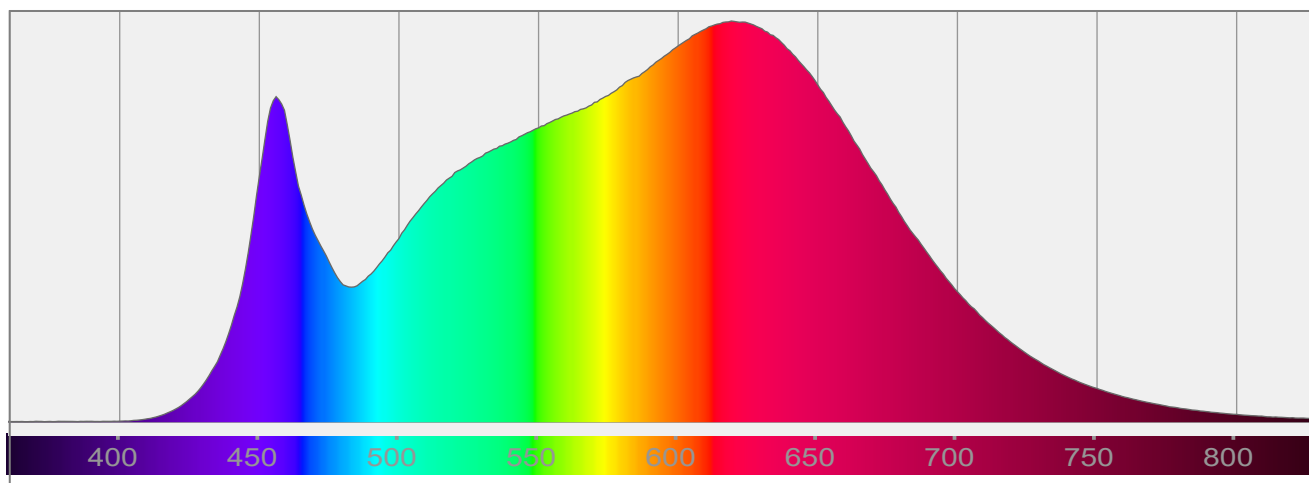
Output: 628 lm

Peak: 2949 cd

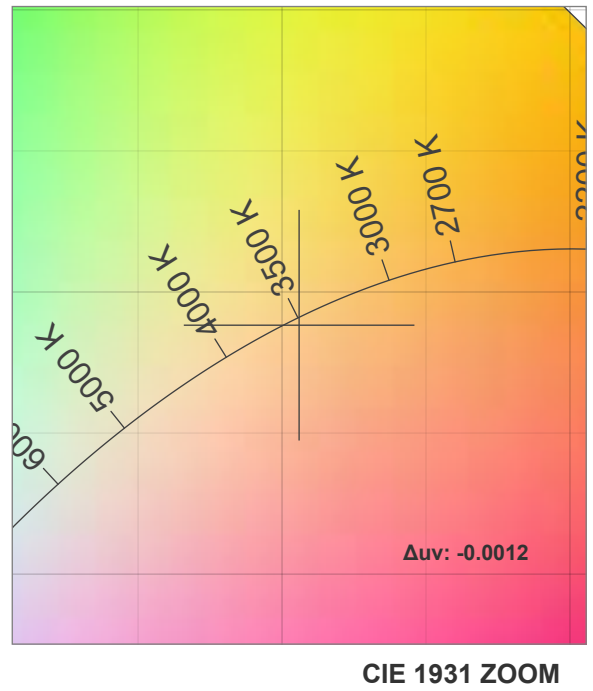
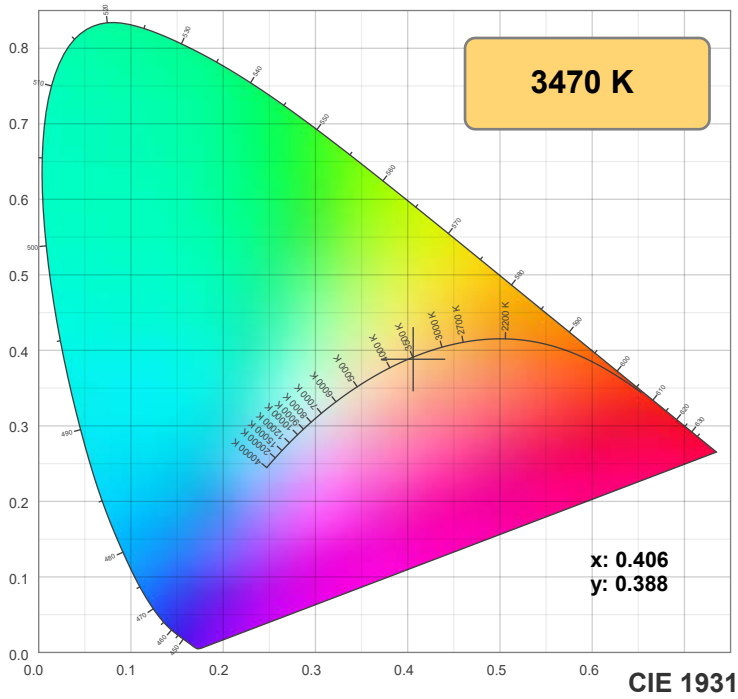
Power: 19.5 W

PF: 0.98

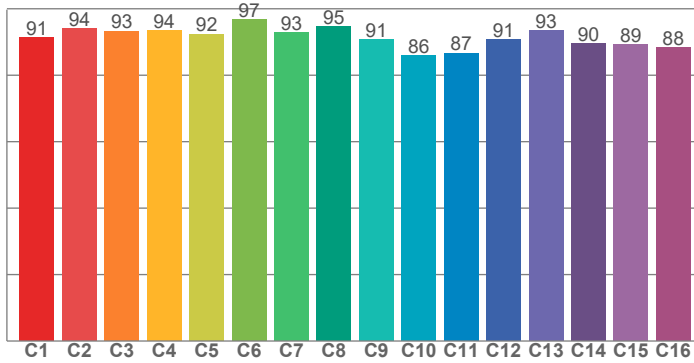
Spectra:



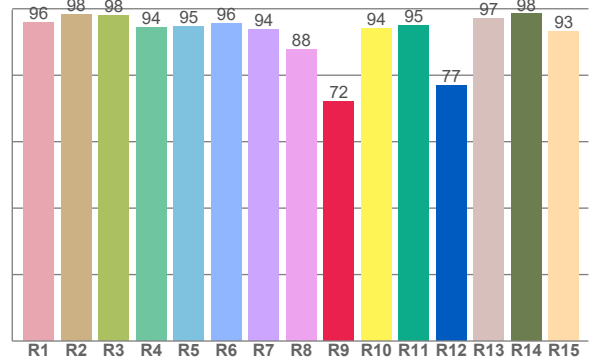
Color Details



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
95.9	98.2	98.1	94.5	94.7	95.7	93.8	87.7	72.1	94.0	95.1	76.8	97.0	98.4	93.3

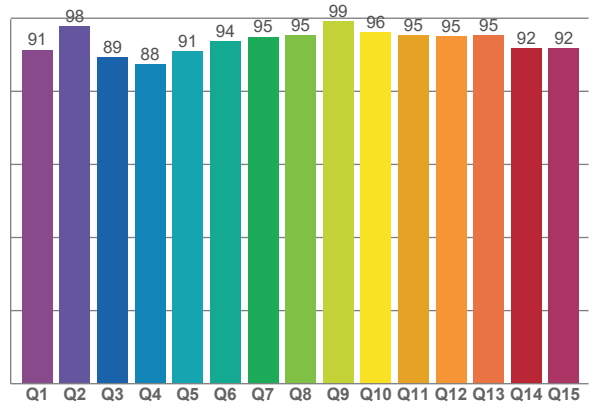
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.3	93.9	93.3	93.5	92.4	96.8	92.9	94.5	90.7	85.8	86.6	90.7	93.4	89.5	89.3	88.3

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.4	97.7	89.3	87.5	91.0	93.6	94.9	95.4	99.1	96.2	95.3	95.1	95.3	91.7	91.8

CQS: 93.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3470 K	94.8	72.1	91.3	98.3	93.0	0.406	0.388	0.237	0.340	-0.0012

TM-30 Details

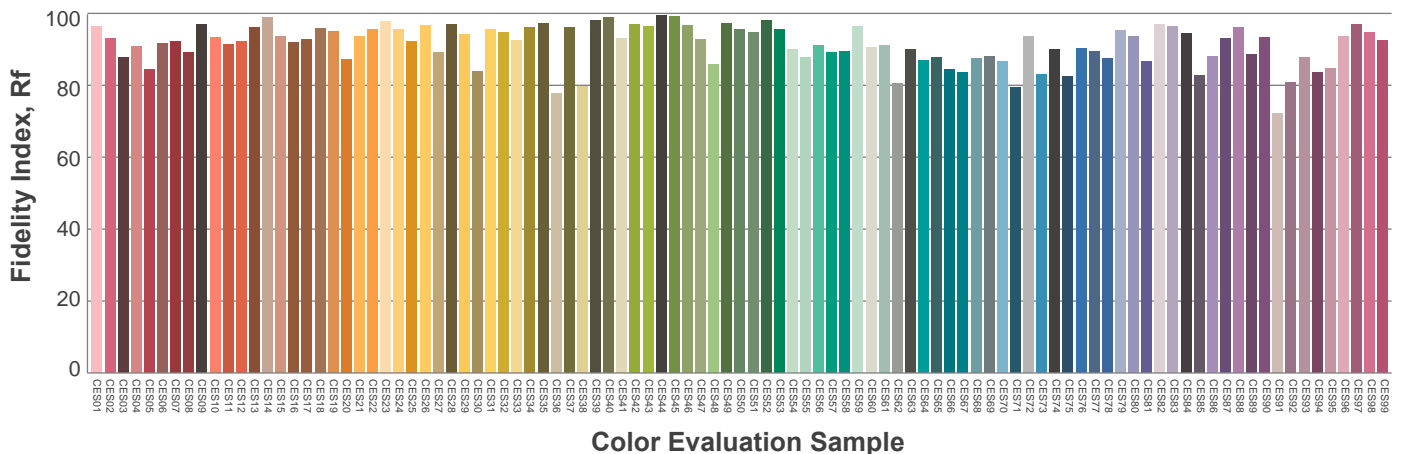
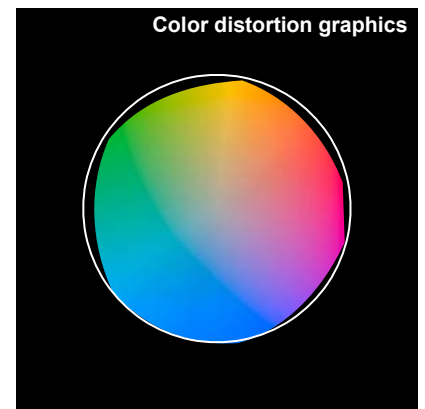
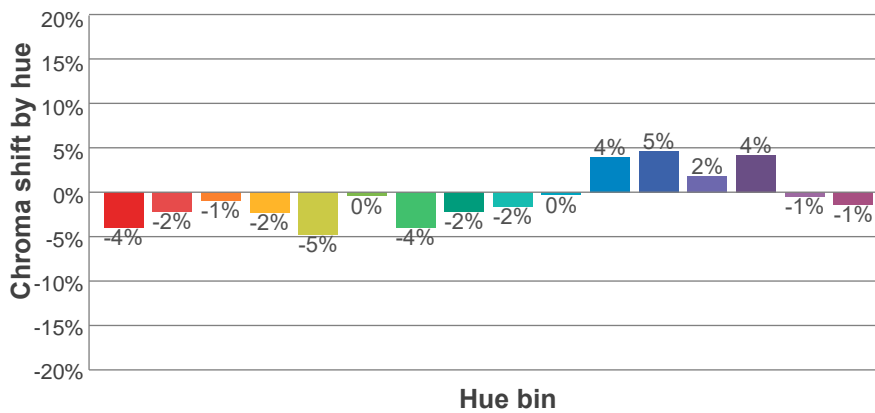
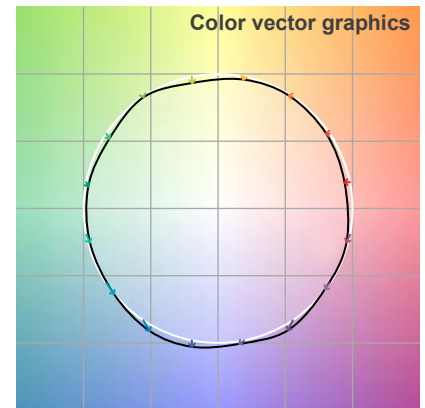
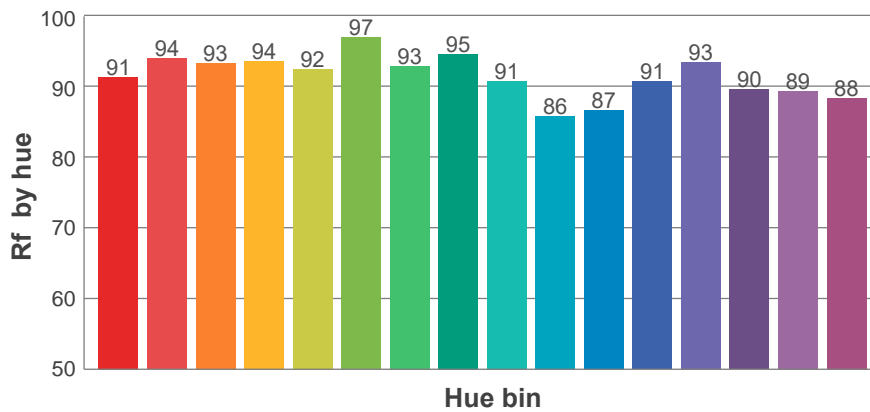
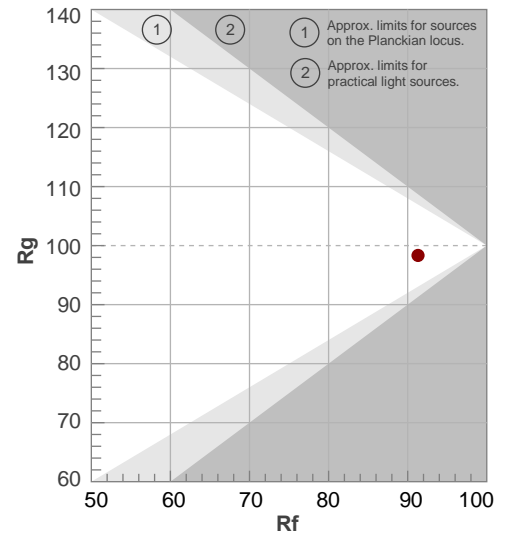
Rf 91.3

Fidelity index Rf

Rg 98.3

Gamut index Rg

Hue Bin	R _f	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	90	4%	-7%
15	89	-1%	-6%
16	88	-1%	-6%



Aiming Angle

