

Photometric / Colorimetric / Electric Report

Fixture Model:

804S-J2S-HI-3-30-40-PR1-8-1000-HI-3-FR-P-1-WH-35d

Trim Model:

FR-P-1-WH

Date:

12/13/2023

Light efficiency:

59 Lumen/Watt

Light quality:

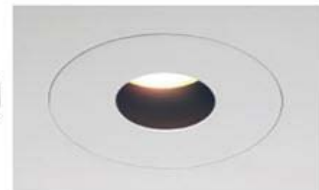
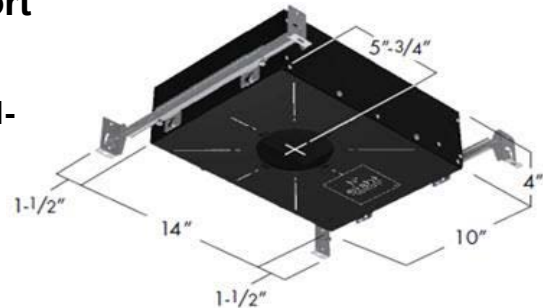
CRI: 97.5

Color temperature:

3016 K

CIE 1931:

x: 0.434
y: 0.399



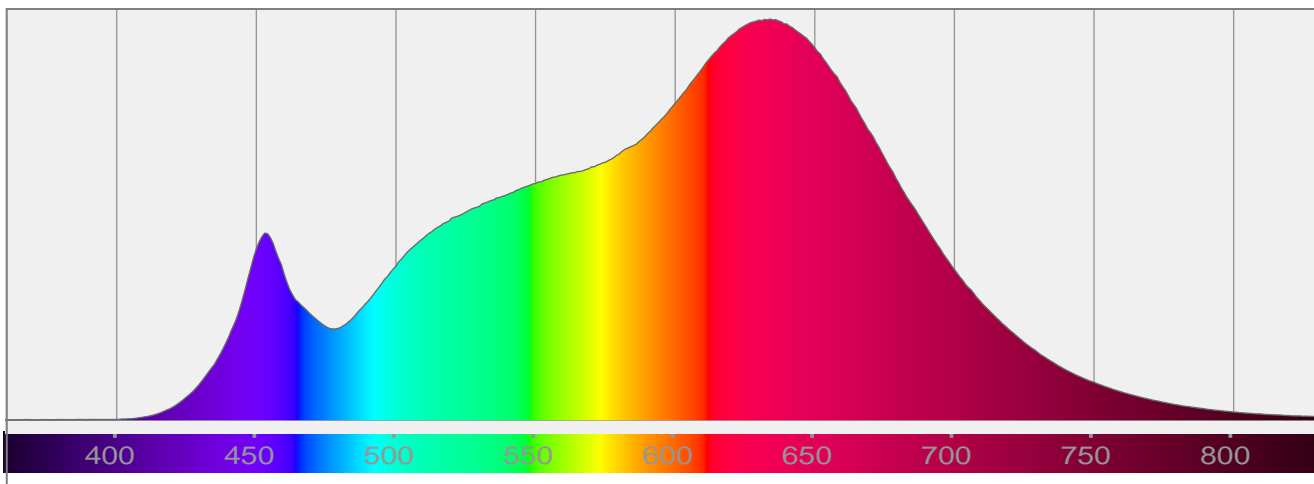
Output: 878 lm

Peak: 2235 cd

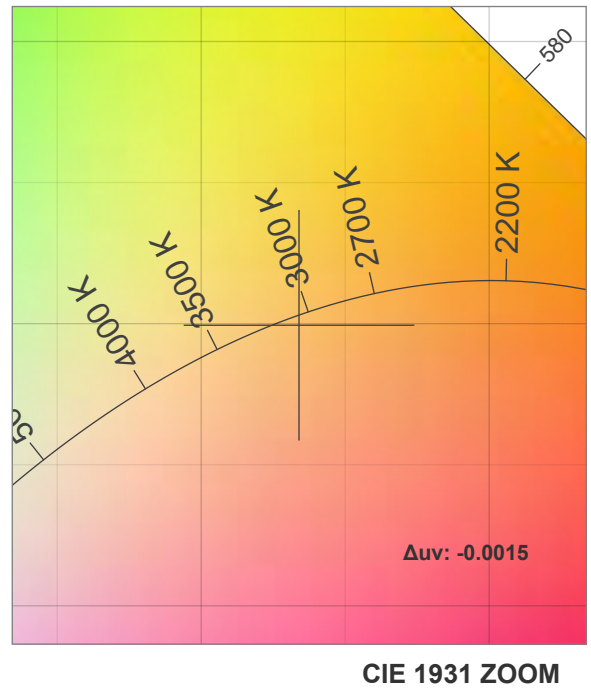
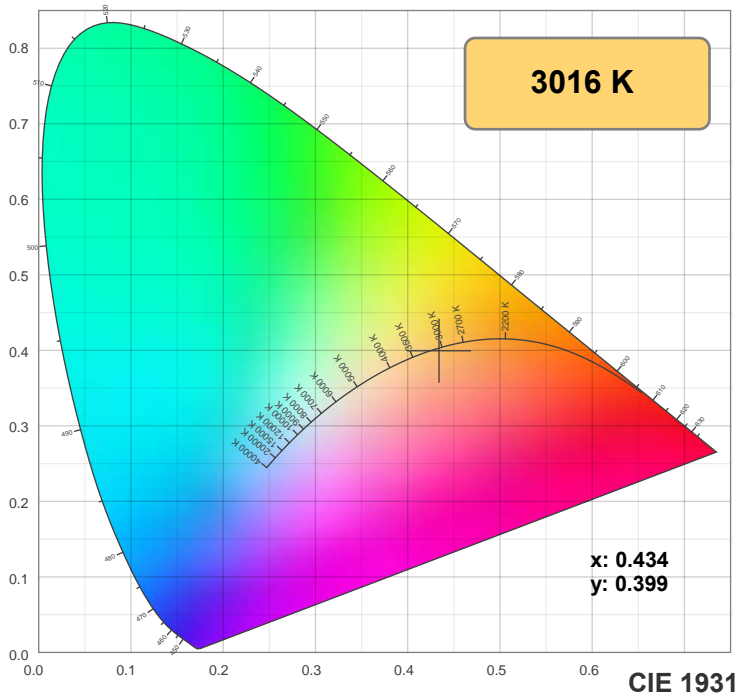
Power: 14.8 W

PF: 0.99

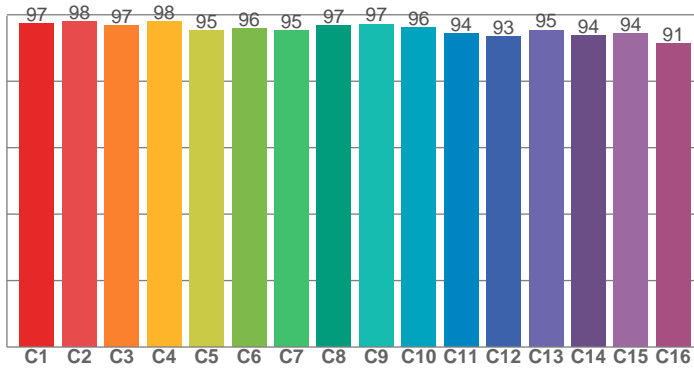
Spectra:



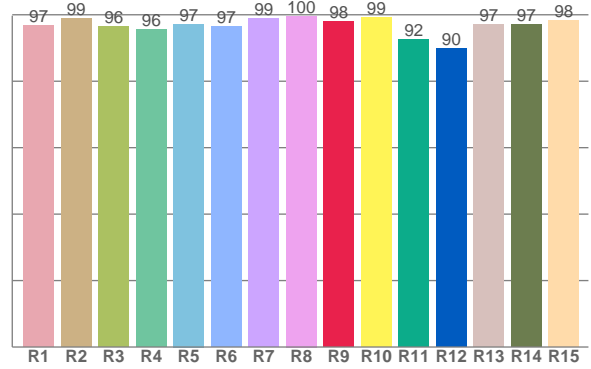
Color Details



TM-30: 95.9



CRI: 97.5 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.9	96.5	95.7	97.2	96.6	99.0	99.6	97.9	99.1	92.4	90.0	97.0	97.0	98.2

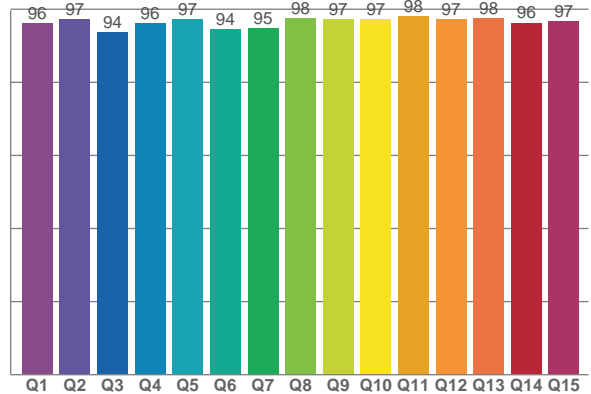
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.3	98.0	96.8	98.0	95.3	95.9	95.2	96.7	97.2	96.2	94.3	93.4	95.4	93.8	94.3	91.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.2	97.2	93.6	96.1	97.3	94.5	94.7	97.6	97.3	97.3	98.1	97.4	97.6	96.3	96.8

CQS: 96.1



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3016 K	97.5	97.9	95.9	102.3	96.1	0.434	0.399	0.251	0.346	-0.0015

TM-30 Details

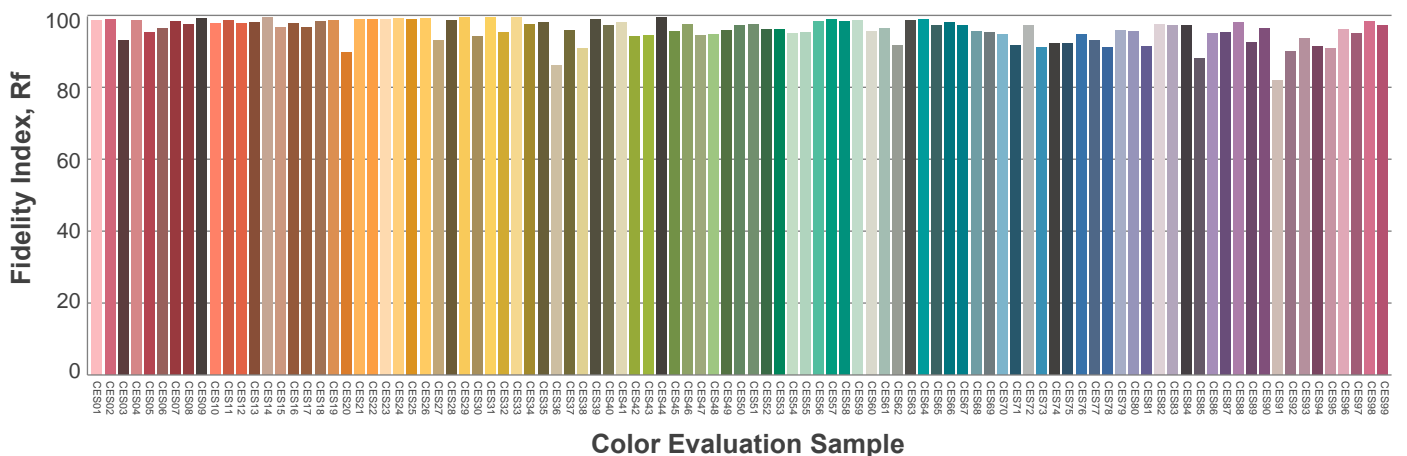
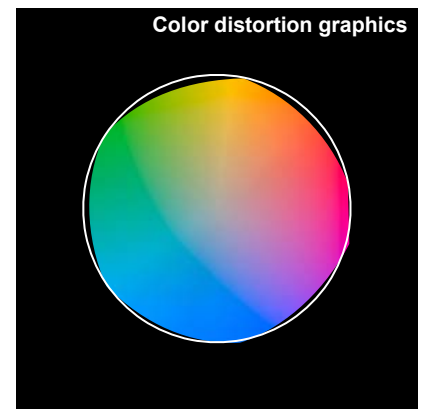
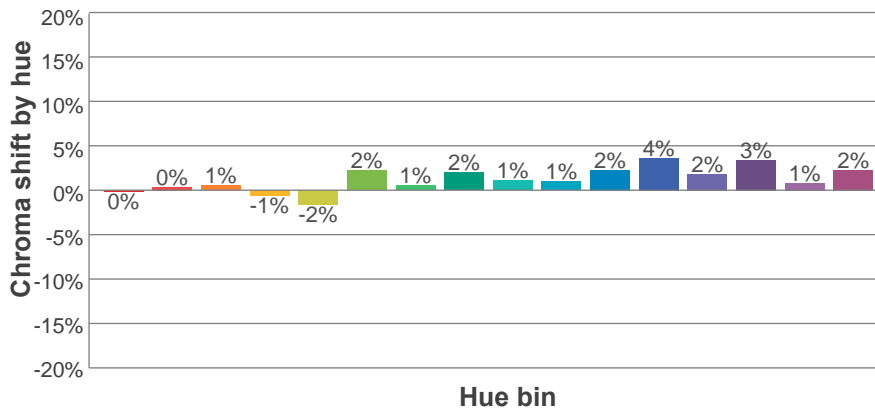
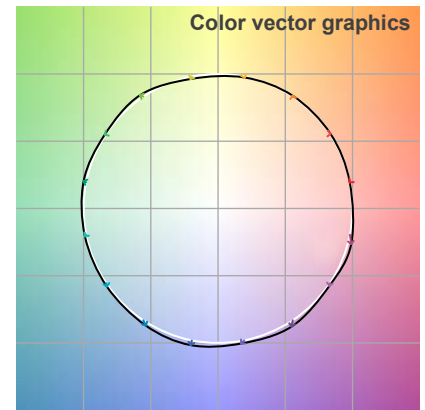
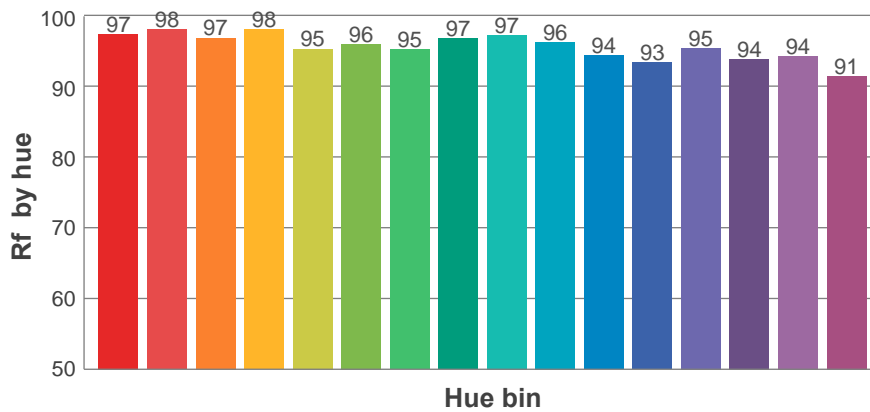
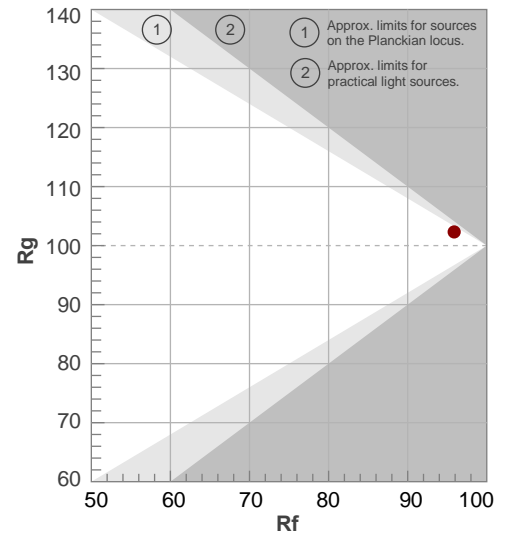
Rf 95.9

Fidelity index Rf

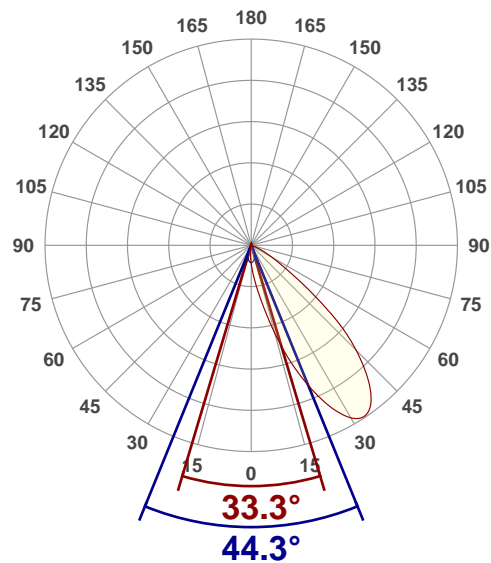
Rg 102.3

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	98	0%	0%
3	97	1%	1%
4	98	-1%	0%
5	95	-2%	1%
6	96	2%	1%
7	95	1%	1%
8	97	2%	0%
9	97	1%	1%
10	96	1%	2%
11	94	2%	4%
12	93	4%	0%
13	95	2%	-3%
14	94	3%	-3%
15	94	1%	-2%
16	91	2%	-7%



Angular Distribution Through 0° and 90° Planes



Beam Angle: 44.3°W x 33.3°L

Beam Details

