

Photometric / Colorimetric / Electric Report

Fixture Model:

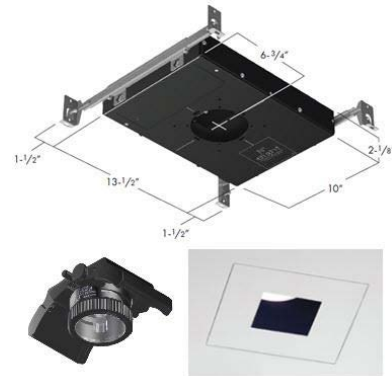
805-J5-WD-2-15-PR1-8.5-350-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

1/24/2024



Light efficiency:

54 Lumen/Watt

Light quality:

CRI: 97.2

Color temperature:

2915 K

CIE 1931:

**x: 0.440
y: 0.400**

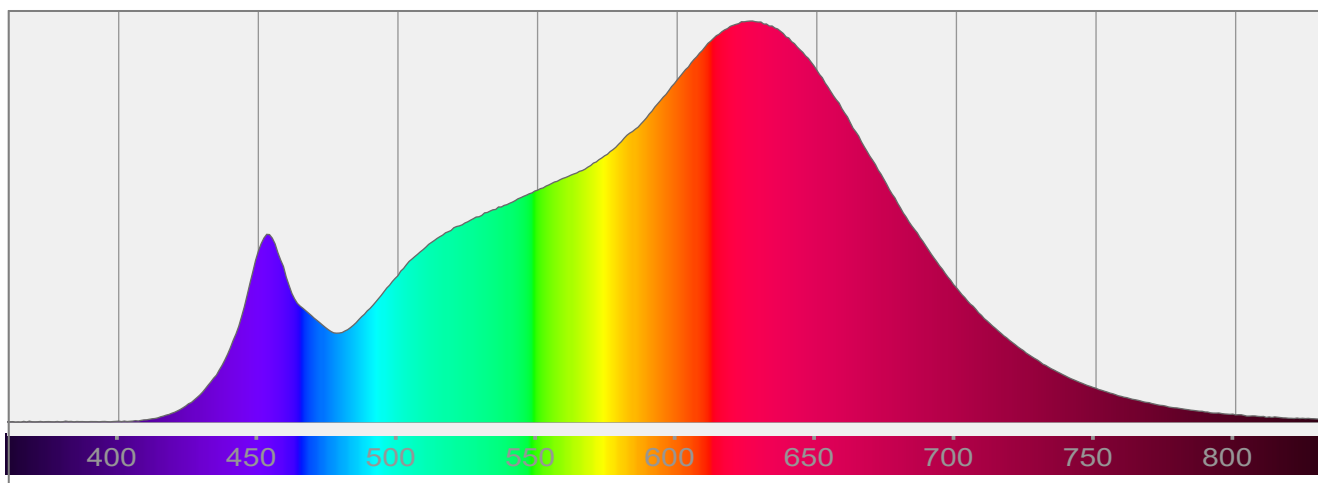
Output: 796 lm

Peak: 3614 cd

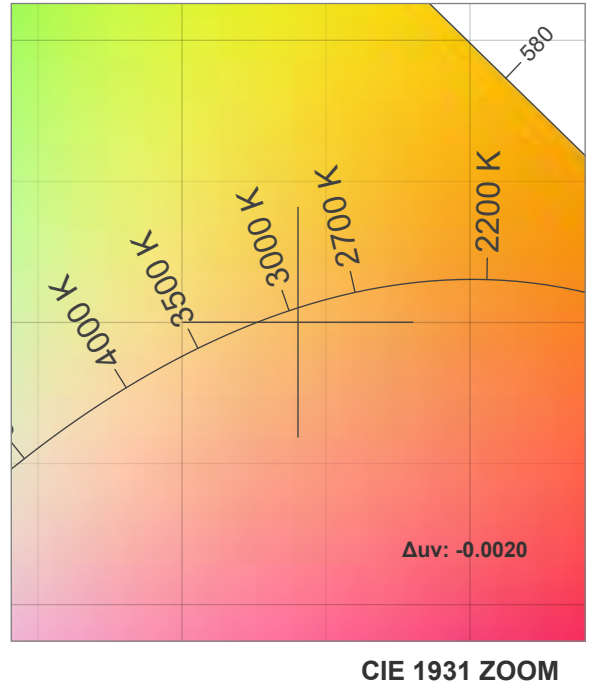
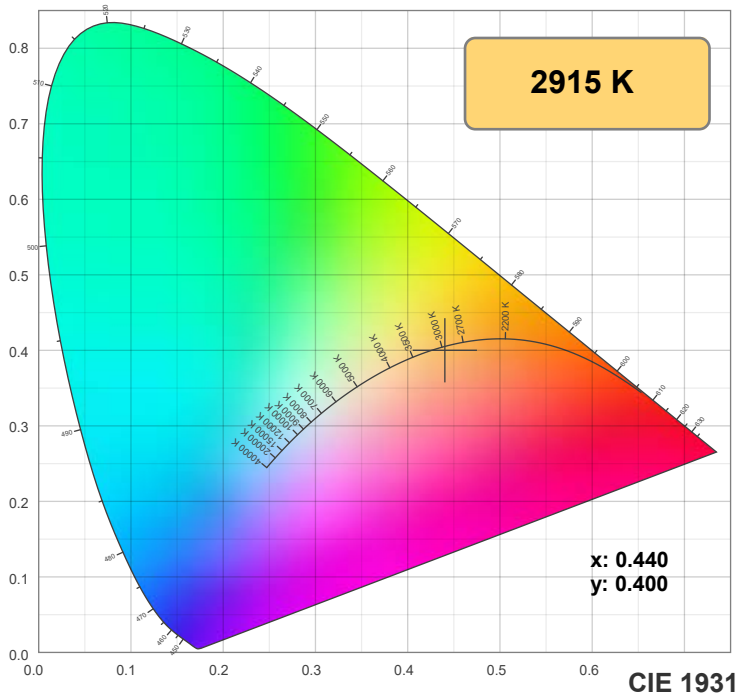
Power: 14.8 W

PF: 0.99

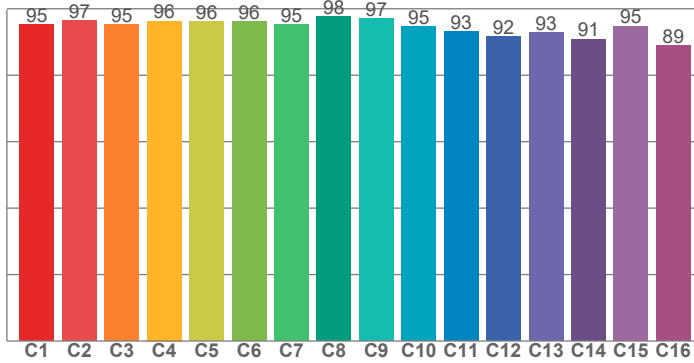
Spectra:



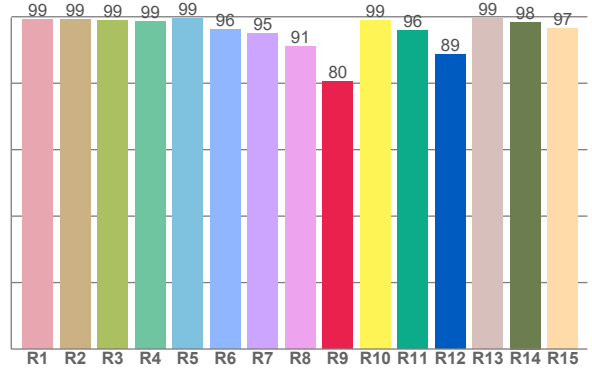
Color Details



TM-30: 94.7



CRI: 97.2 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.2	98.8	98.5	99.5	96.1	94.9	91.1	80.5	99.0	95.9	88.8	99.4	98.4	96.5

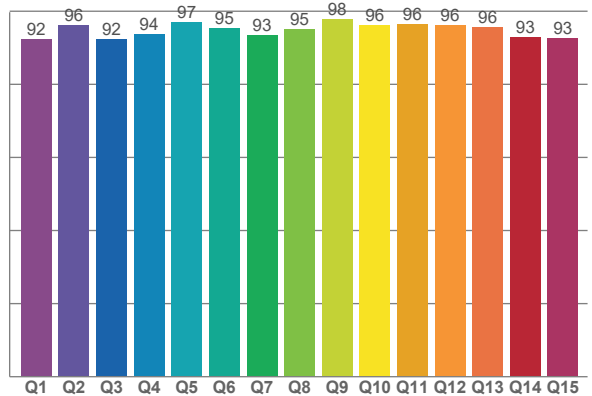
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.3	96.6	95.2	96.3	96.1	96.0	95.1	97.6	97.1	94.6	93.0	91.7	92.9	90.9	94.8	89.0

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.4	96.1	92.4	93.7	97.1	95.5	93.4	95.0	97.9	96.2	96.5	96.1	95.7	92.8	92.5

CQS: 94.4



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2915 K	97.2	80.5	94.7	101.1	94.4	0.440	0.400	0.254	0.347	-0.0020

TM-30 Details

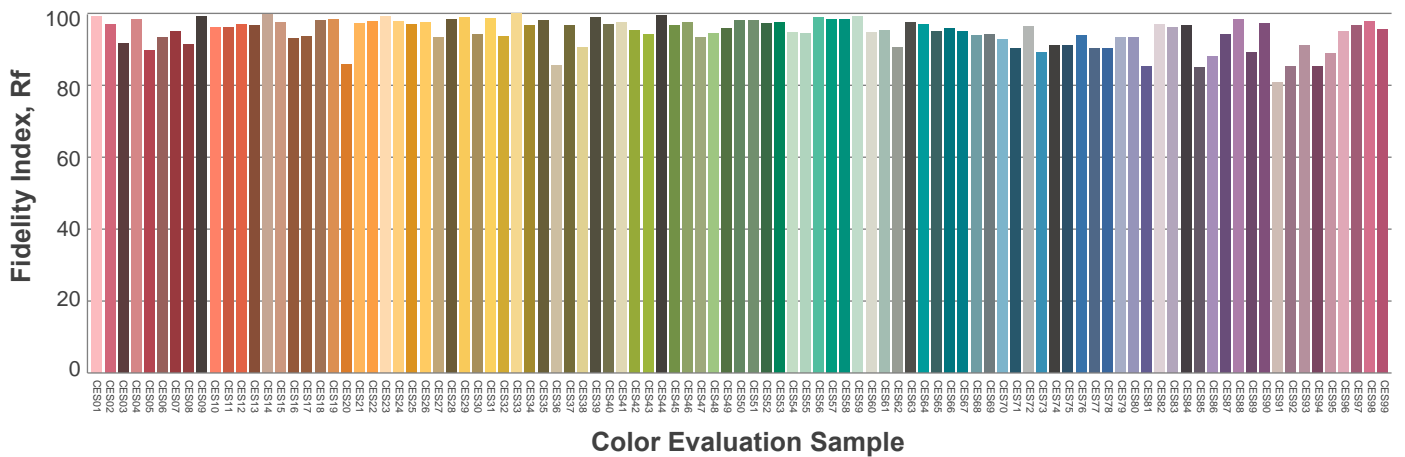
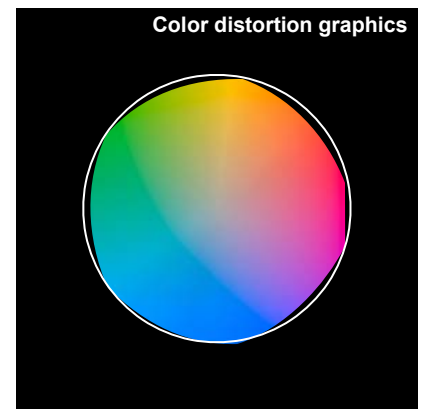
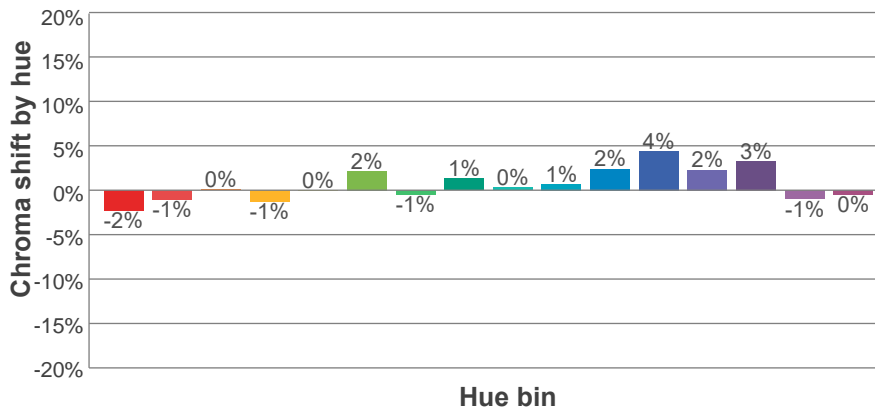
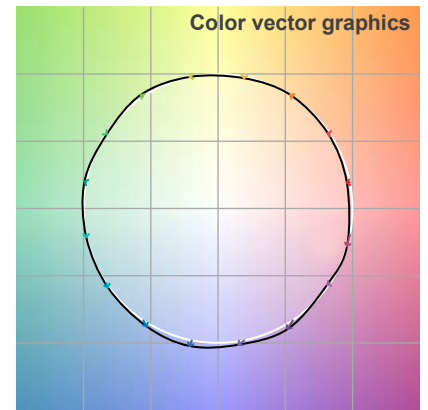
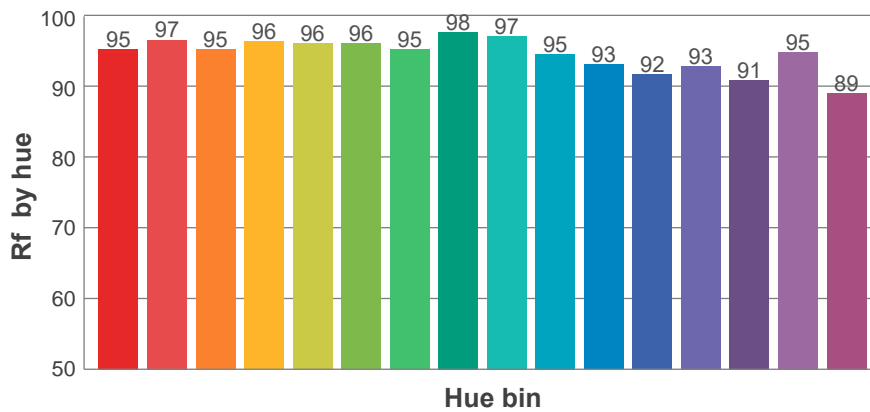
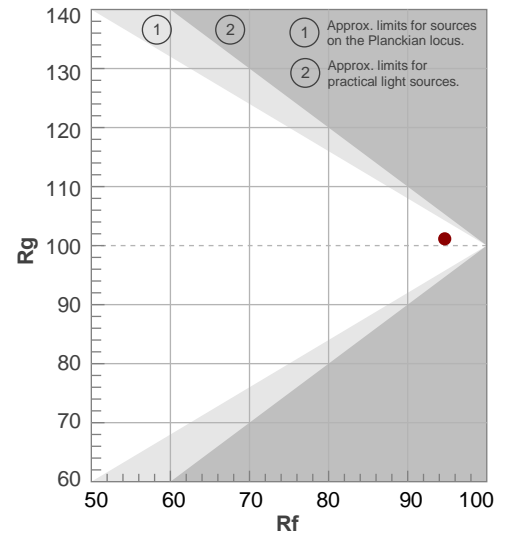
Rf 94.7

Fidelity index Rf

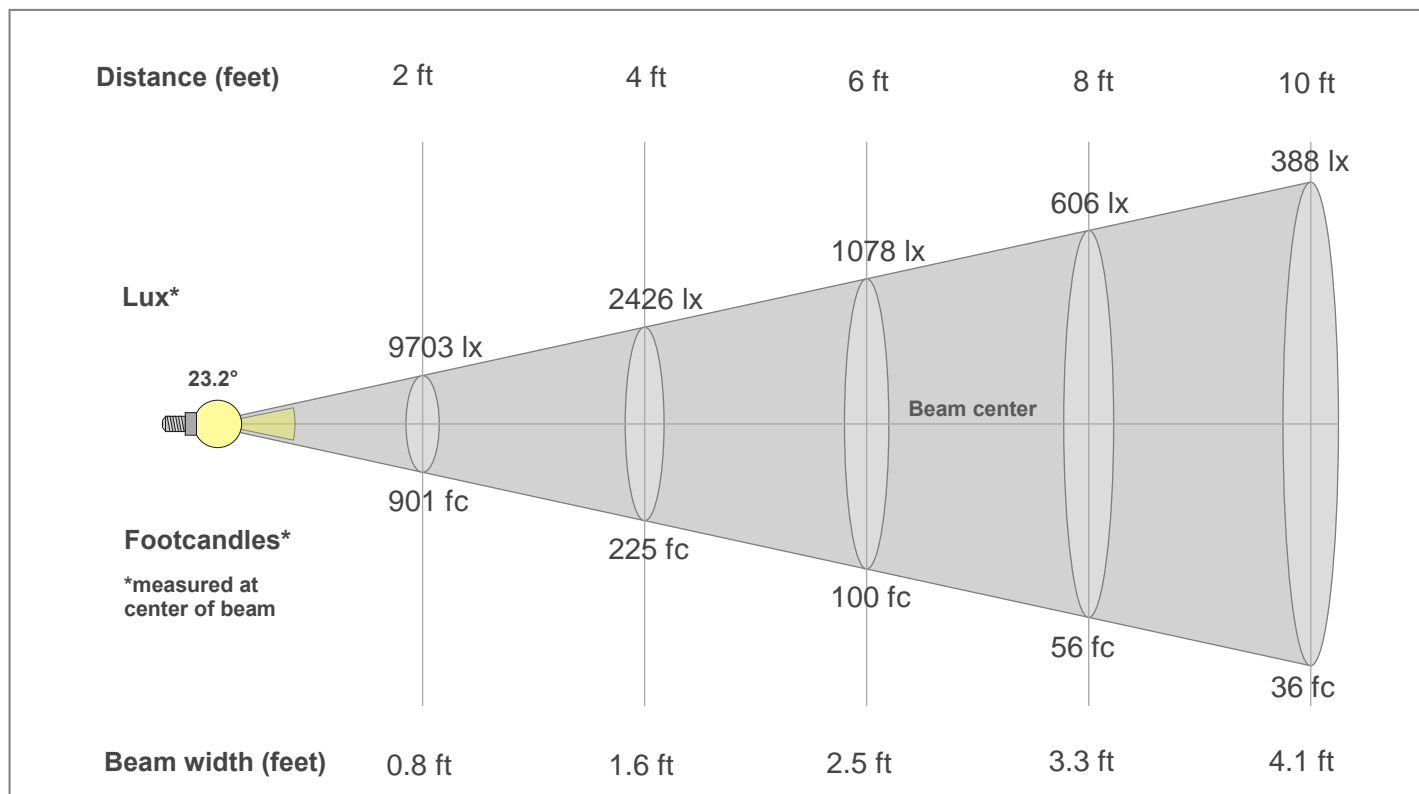
Rg 101.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	97	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	97	0%	2%
10	95	1%	3%
11	93	2%	5%
12	92	4%	-1%
13	93	2%	-5%
14	91	3%	-7%
15	95	-1%	-2%
16	89	0%	-9%



Beam Details



Beam Intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
3606lx	901lx	401lx	225lx	144lx	100lx	74lx	56lx	45lx	36lx	30lx	25lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx
335fc	83.7fc	37.2fc	20.9fc	13.4fc	9.3fc	6.8fc	5.2fc	4.1fc	3.3fc	2.8fc	2.3fc	2fc	1.7fc	1.5fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
3606	3554	3362	3041	2624	2151	1701	1312	1008	780	607	472	368	283	214	157	111	73	42	26
100%	99%	93%	84%	73%	60%	47%	36%	28%	22%	17%	13%	10%	8%	6%	4%	3%	2%	1%	1%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
3606	3546	3374	3066	2653	2190	1726	1312	992	755	581	452	350	269	201	147	104	69	42	26
100%	98%	94%	85%	74%	61%	48%	36%	28%	21%	16%	13%	10%	7%	6%	4%	3%	2%	1%	1%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
3606	3554	3362	3041	2624	2151	1701	1312	1008	780	607	472	368	283	214	157	111	73	42	26
100%	99%	93%	84%	73%	60%	47%	36%	28%	22%	17%	13%	10%	8%	6%	4%	3%	2%	1%	1%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
3606	3546	3374	3066	2653	2190	1726	1312	992	755	581	452	350	269	201	147	104	69	42	26
100%	98%	94%	85%	74%	61%	48%	36%	28%	21%	16%	13%	10%	7%	6%	4%	3%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
23.2°	47.9°	65.8°	99.5%	99.1%