

Photometric / Colorimetric / Electric Report

Fixture Model:

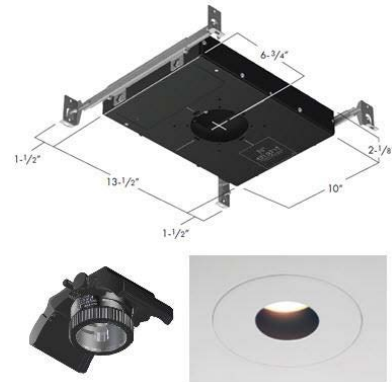
805-J5-WD-2-15-PR1-8.5-350-FR-P-1-WH

Trim Model:

FR-P-1-WH

Date:

1/24/2024



Light efficiency:

53 Lumen/Watt

Light quality:

CRI: 97.2

Color temperature:

2915 K

CIE 1931:

**x: 0.440
y: 0.400**

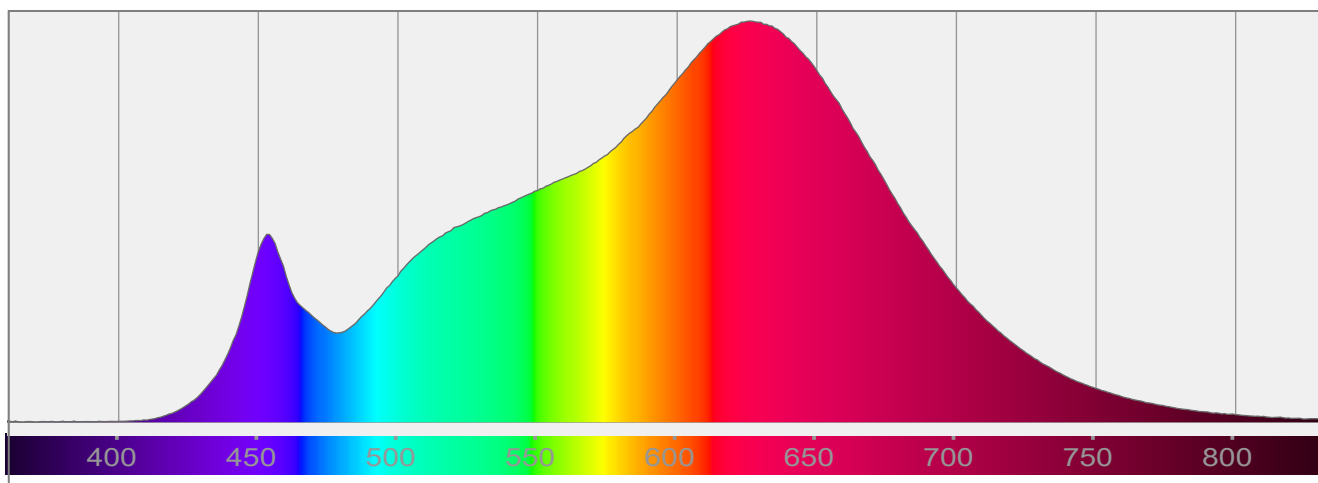
Output: 784 lm

Peak: 3652 cd

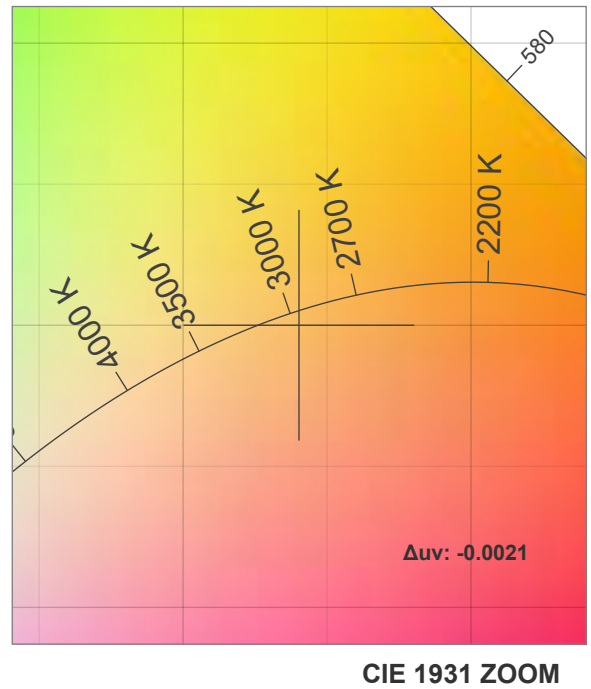
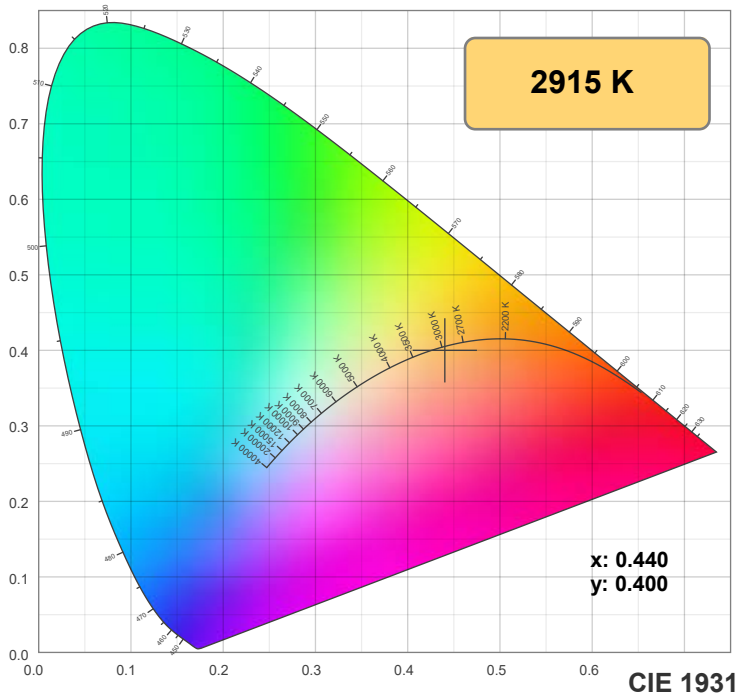
Power: 14.8 W

PF: 0.99

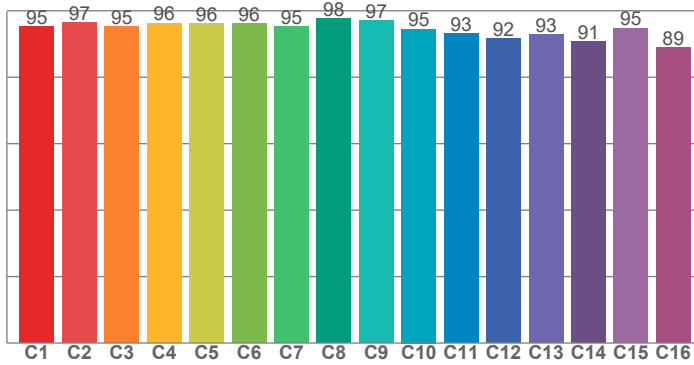
Spectra:



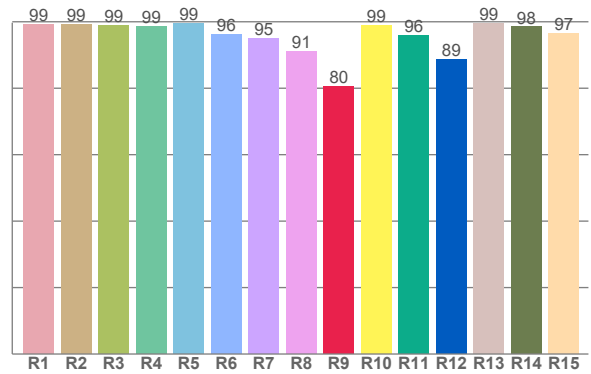
Color Details



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	98.6	99.5	96.1	94.9	91.0	80.5	99.0	95.9	88.7	99.4	98.4	96.5

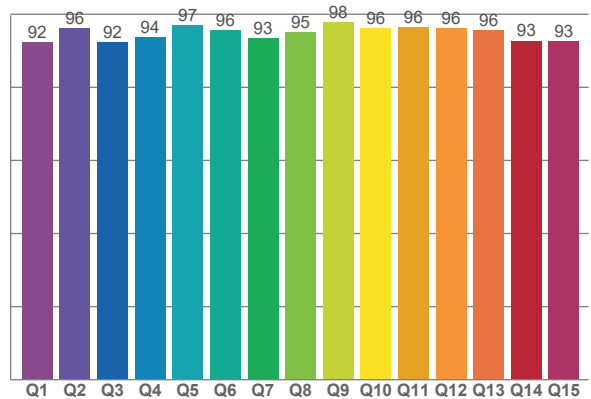
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.2	96.5	95.2	96.3	96.1	96.1	95.1	97.7	97.0	94.5	93.0	91.7	92.8	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	97.0	95.5	93.4	95.0	97.9	96.2	96.5	96.1	95.6	92.7	92.5

CQS: 94.4



Color Parameters:

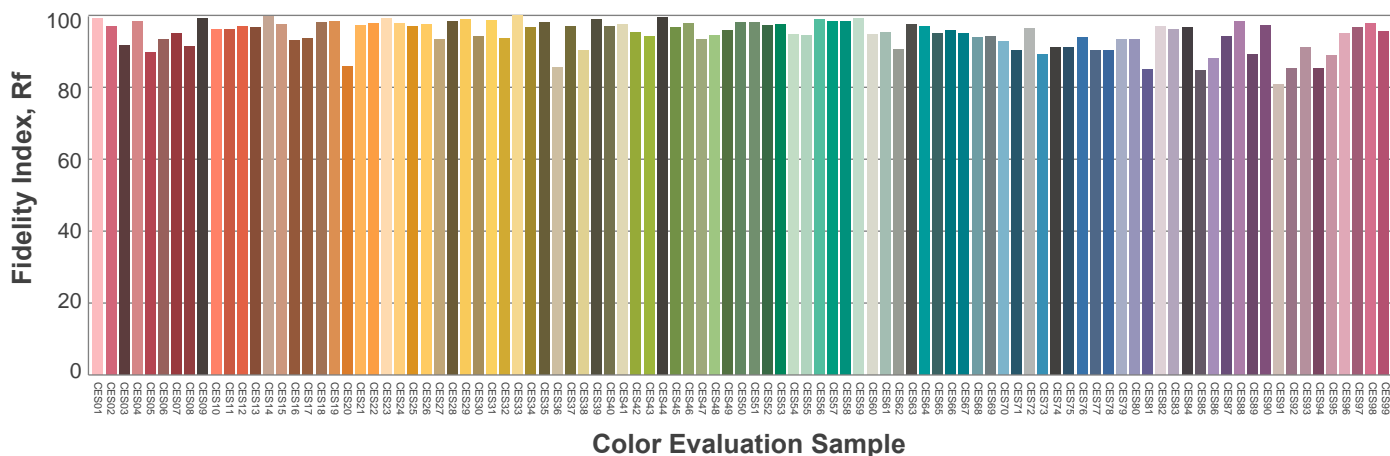
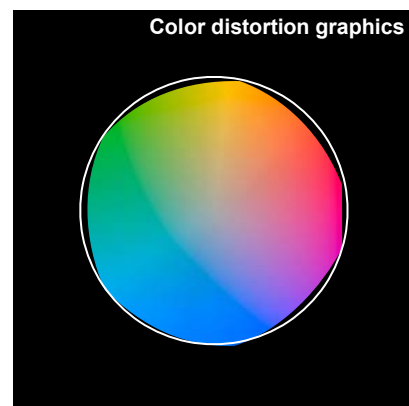
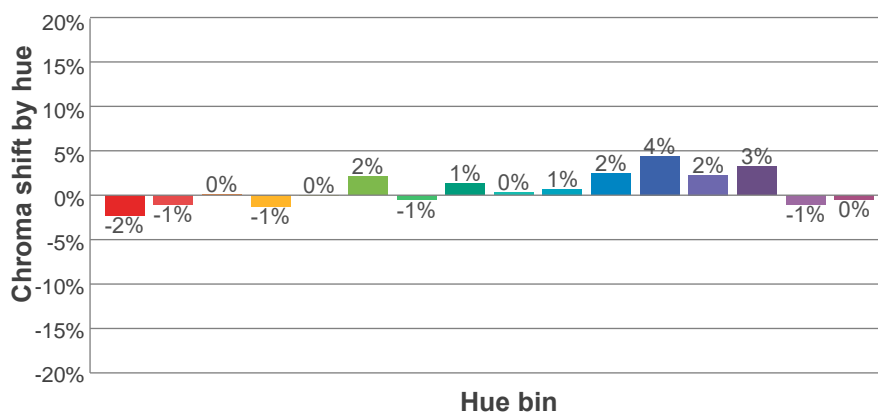
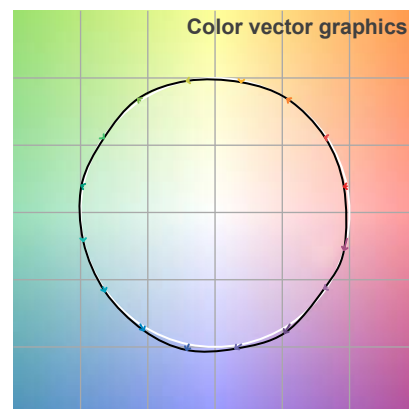
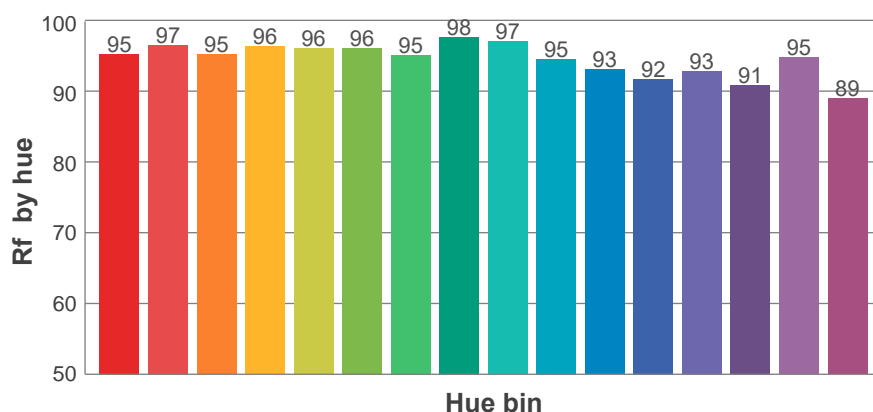
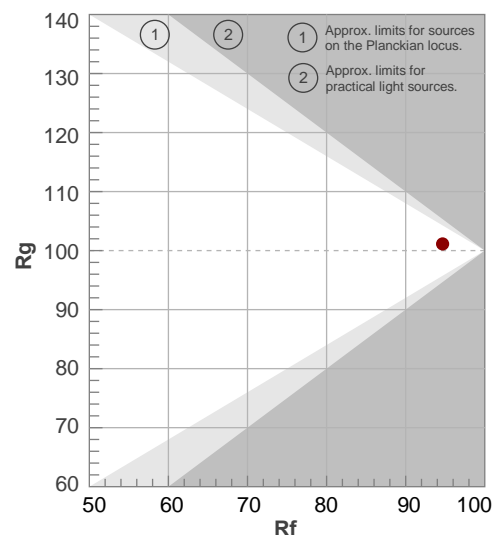
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2915 K	97.2	80.5	94.7	101.1	94.4	0.440	0.400	0.254	0.347	-0.0021

TM-30 Details

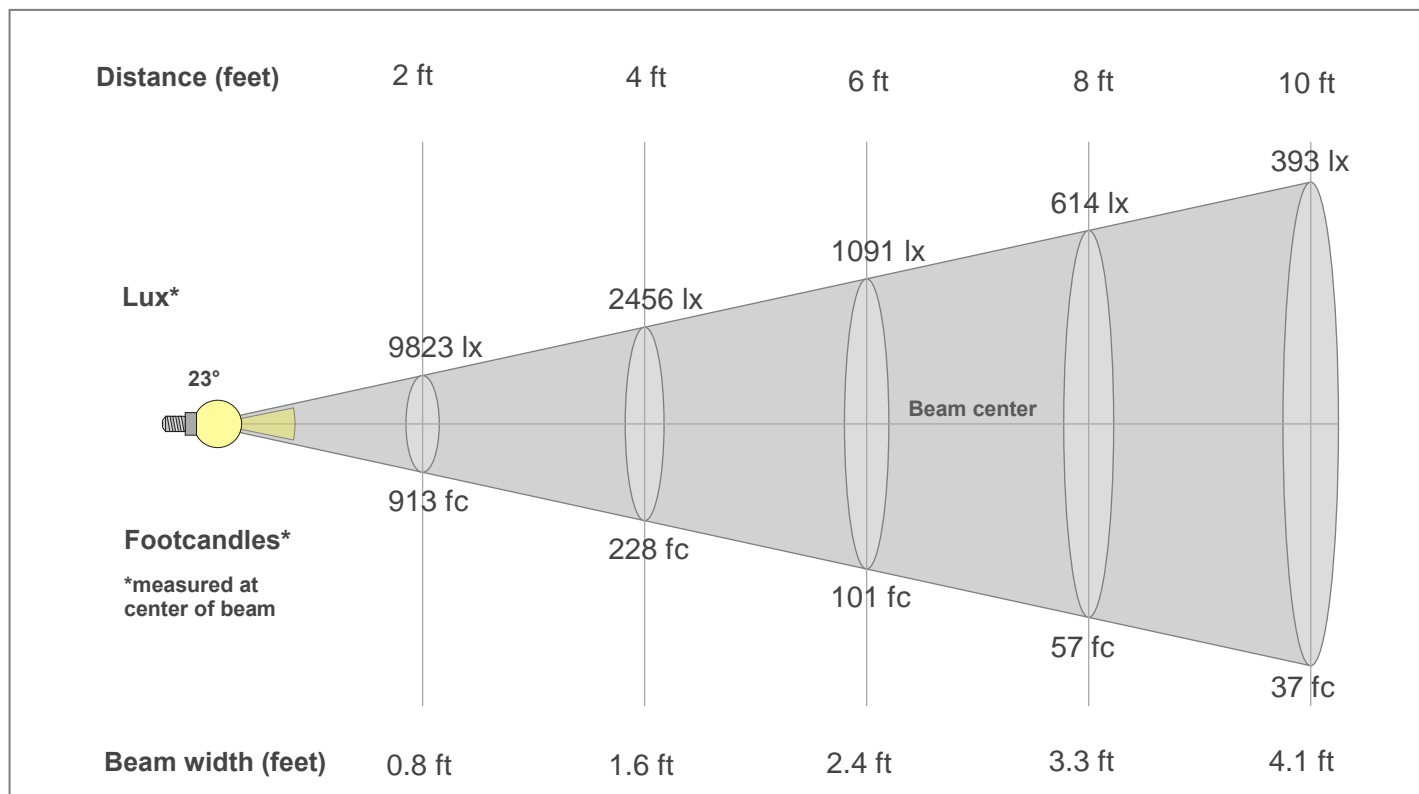
Rf 94.7
Fidelity index Rf

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
3651lx	913lx	406lx	228lx	146lx	101lx	75lx	57lx	45lx	37lx	30lx	25lx	22lx	19lx	16lx	14lx	13lx	11lx	10lx	9lx
339.1fc	84.8fc	37.7fc	21.2fc	13.6fc	9.4fc	6.9fc	5.3fc	4.2fc	3.4fc	2.8fc	2.4fc	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°
3651	3592	3399	3077	2644	2162	1700	1308	1002	772	600	465	360	272	200	143	96	56	30	19
100%	98%	93%	84%	72%	59%	47%	36%	27%	21%	16%	13%	10%	7%	5%	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°
3651	3589	3415	3100	2680	2201	1729	1308	985	747	574	444	342	258	189	134	90	55	32	21
100%	98%	94%	85%	73%	60%	47%	36%	27%	20%	16%	12%	9%	7%	5%	4%	2%	1%	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°
3651	3592	3399	3077	2644	2162	1700	1308	1002	772	600	465	360	272	200	143	96	56	30	19
100%	98%	93%	84%	72%	59%	47%	36%	27%	21%	16%	13%	10%	7%	5%	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°
3651	3589	3415	3100	2680	2201	1729	1308	985	747	574	444	342	258	189	134	90	55	32	21
100%	98%	94%	85%	73%	60%	47%	36%	27%	20%	16%	12%	9%	7%	5%	4%	2%	1%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
23°	47.4°	64.2°	99.5%	99.2%