

Photometric / Colorimetric / Electric Report

Fixture Model:

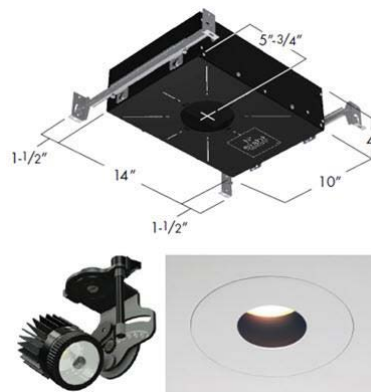
804S-J2S-WD-2-25-DIM1-8-350-FR-P-1-WH

Trim Model:

FR-P-1-WH

Date:

3/30/2022



Light efficiency:

41 Lumen/Watt

Light quality:

CRI: 96.4

Color temperature:

2891 K

CIE 1931:

x: 0.441
y: 0.398

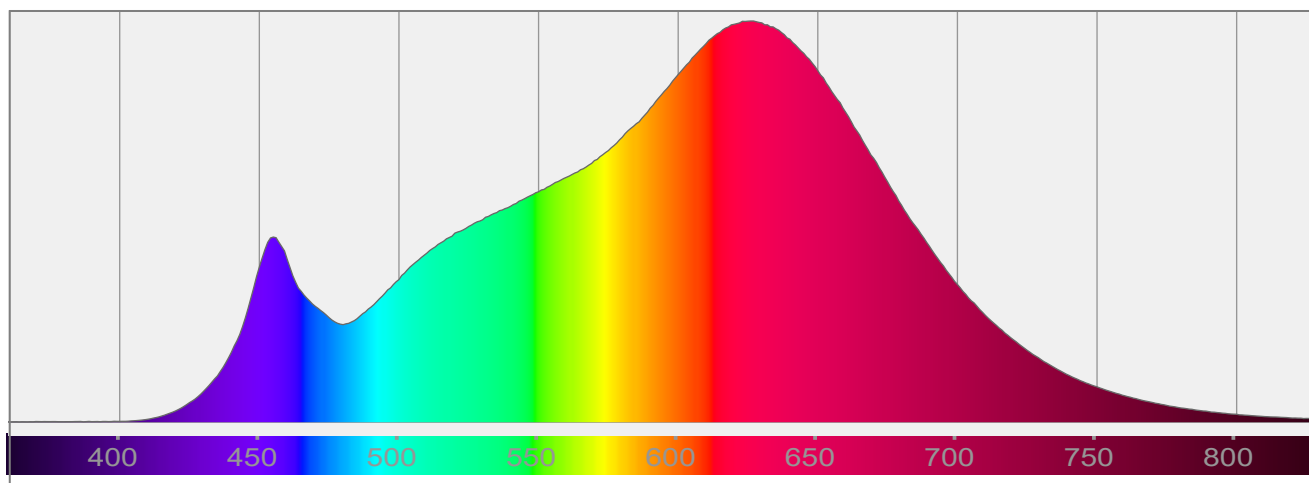
Output: 595 lm

Peak: 2238 cd

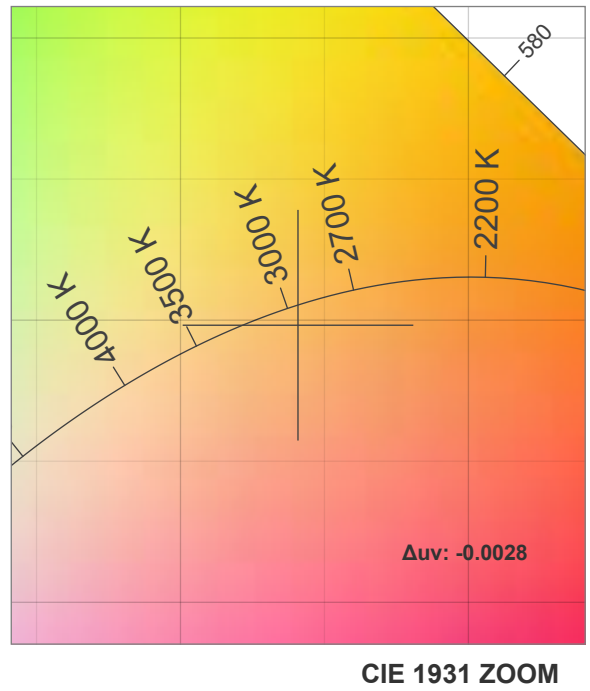
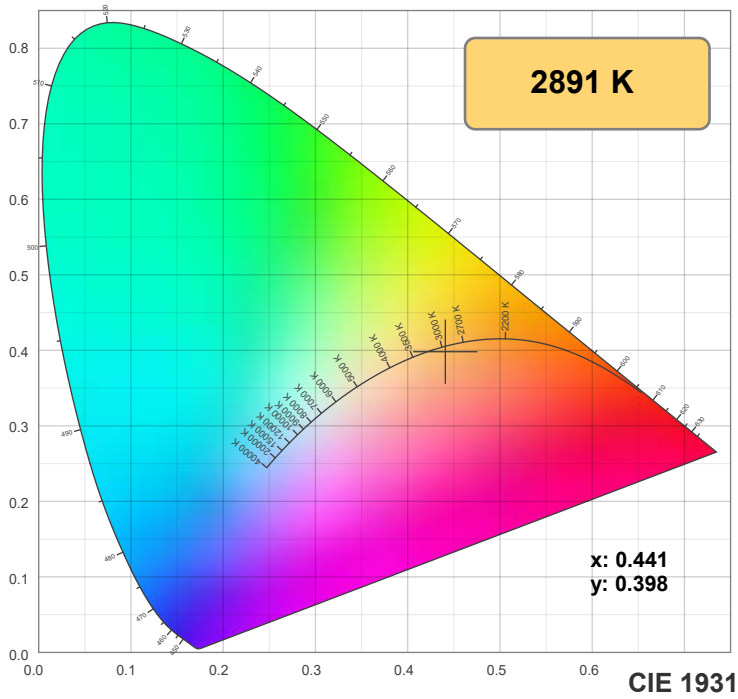
Power: 14.5 W

PF: 0.99

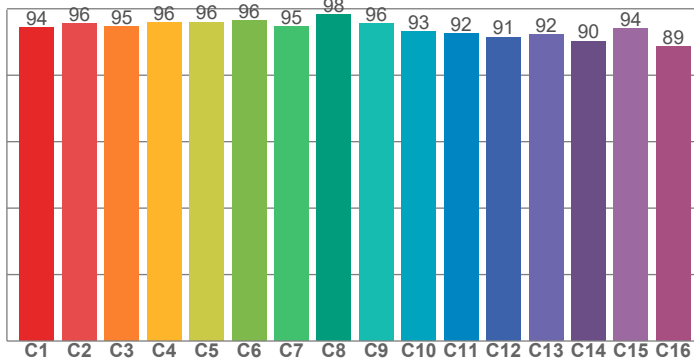
Spectra:



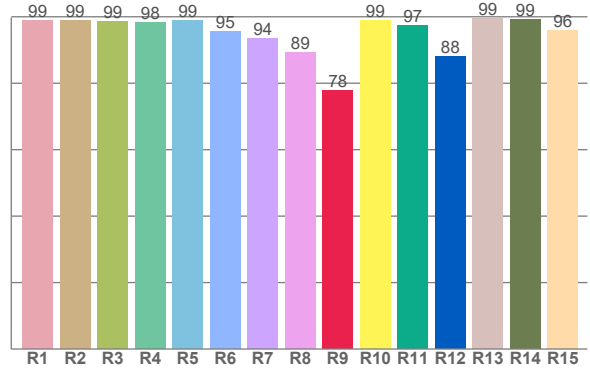
Color Details



TM-30: 94.1



CRI: 96.4 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.8	98.7	98.2	98.9	95.5	93.5	89.2	77.7	98.9	97.5	88.0	99.4	99.1	95.9

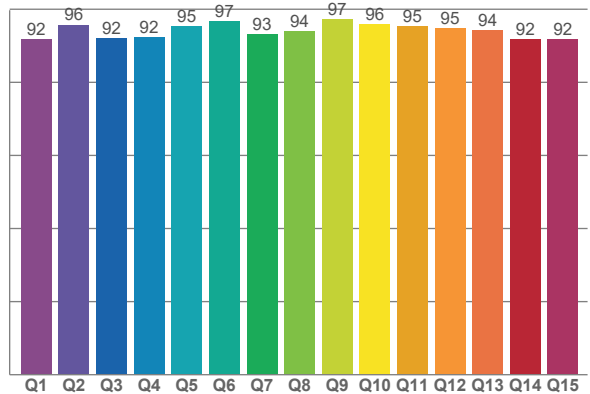
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.2	95.6	94.5	95.8	96.0	96.4	94.7	98.3	95.6	93.1	92.4	91.5	92.2	90.3	94.0	88.6

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.7	95.7	92.1	92.4	95.3	96.7	93.2	93.9	97.3	95.9	95.5	94.7	94.2	91.8	91.7

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2891 K	96.4	77.7	94.1	100.6	93.7	0.441	0.398	0.256	0.346	-0.0028

TM-30 Details

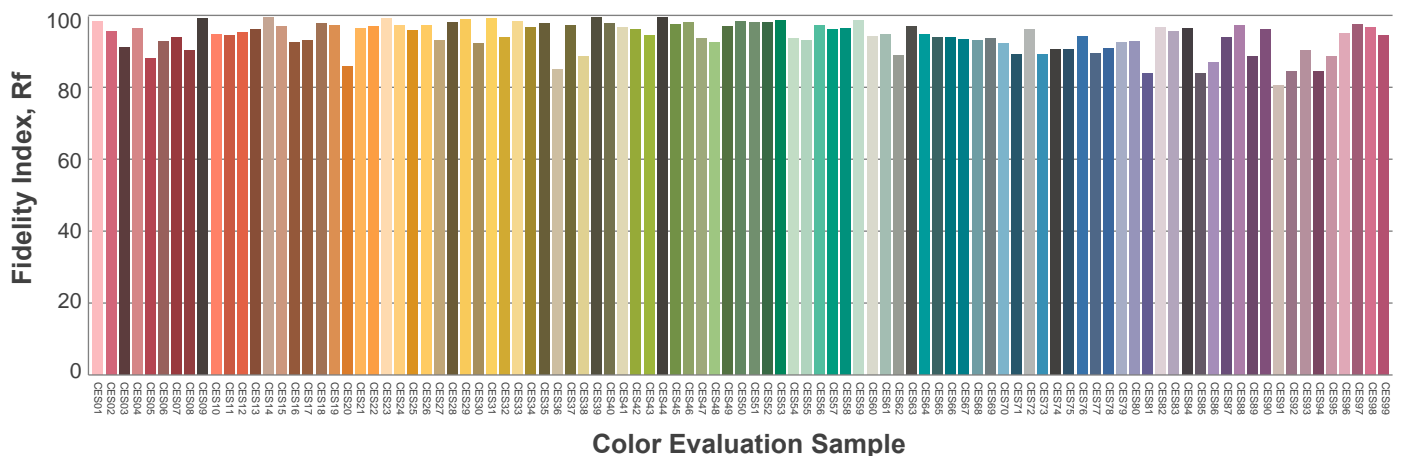
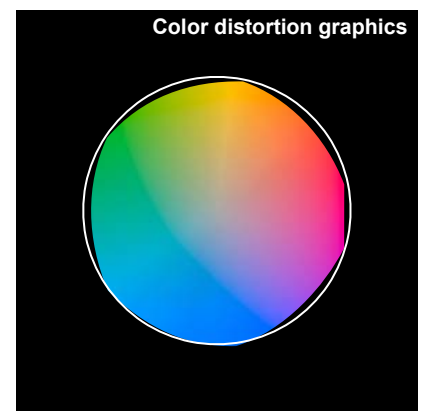
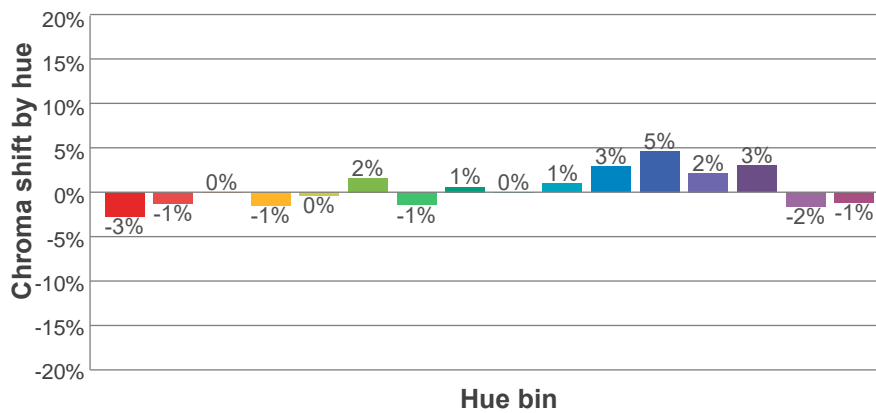
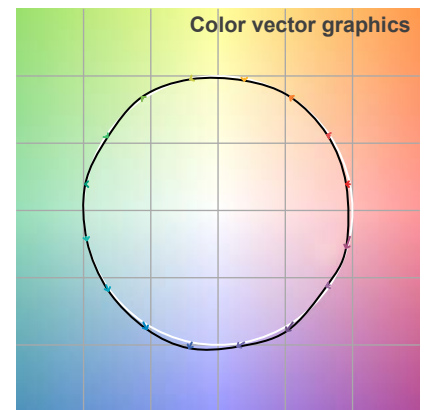
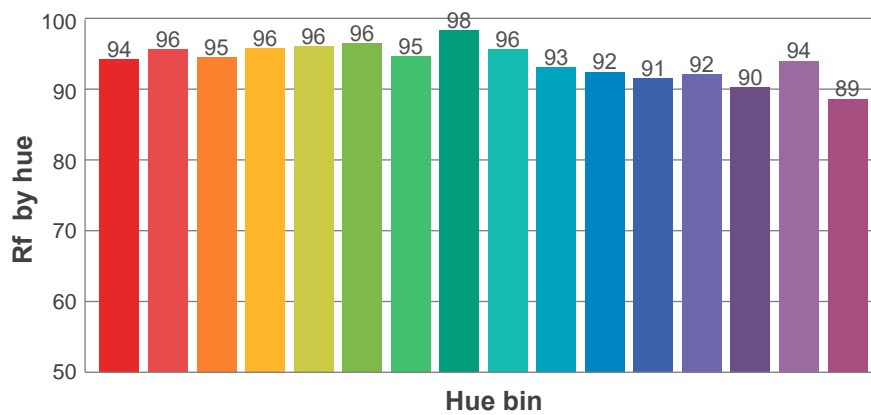
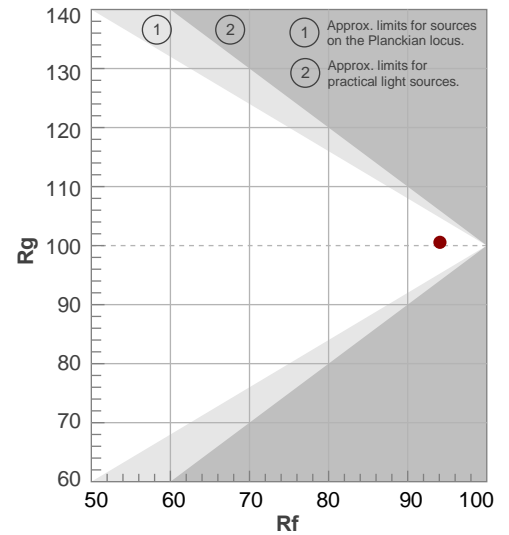
Rf 94.1

Fidelity index Rf

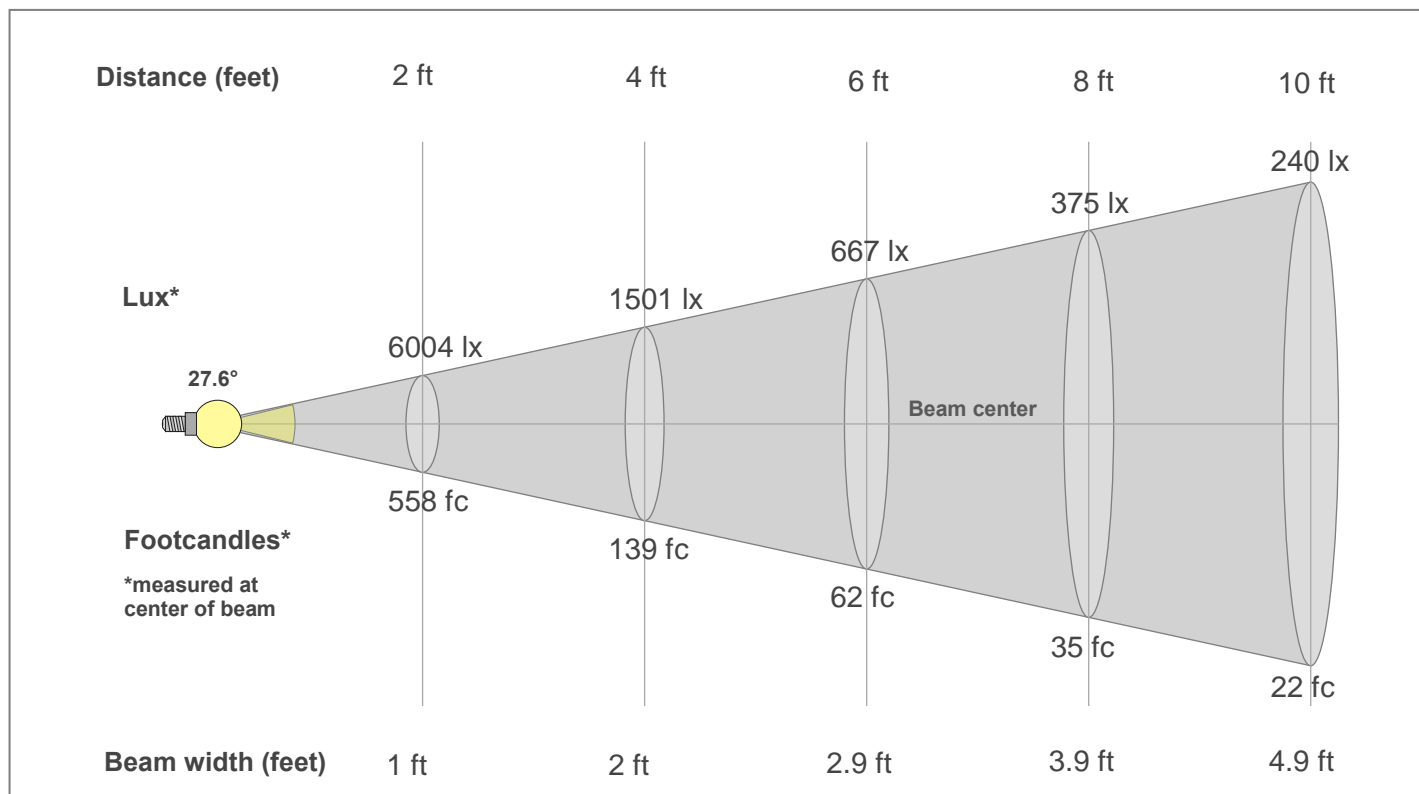
Rg 100.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	1%
2	96	-1%	2%
3	95	0%	3%
4	96	-1%	0%
5	96	0%	1%
6	96	2%	0%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	3%
10	93	1%	4%
11	92	3%	5%
12	91	5%	-1%
13	92	2%	-6%
14	90	3%	-7%
15	94	-2%	-2%
16	89	-1%	-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
2231lx	558lx	248lx	139lx	89lx	62lx	46lx	35lx	28lx	22lx	18lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	6lx
207.3fc	51.8fc	23fc	13fc	8.3fc	5.8fc	4.2fc	3.2fc	2.6fc	2.1fc	1.7fc	1.4fc	1.2fc	1.1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc	0.5fc

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°
2231	2206	2106	1949	1759	1541	1315	1094	888	710	560	427	317	222	146	89	52	30	18	11
100%	99%	94%	87%	79%	69%	59%	49%	40%	32%	25%	19%	14%	10%	7%	4%	2%	1%	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°
2231	2194	2102	1948	1761	1541	1316	1091	883	702	549	418	305	210	137	84	49	29	17	11
100%	98%	94%	87%	79%	69%	59%	49%	40%	31%	25%	19%	14%	9%	6%	4%	2%	1%	1%	0%

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°
2231	2206	2106	1949	1759	1541	1315	1094	888	710	560	427	317	222	146	89	52	30	18	11
100%	99%	94%	87%	79%	69%	59%	49%	40%	32%	25%	19%	14%	10%	7%	4%	2%	1%	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°
2231	2194	2102	1948	1761	1541	1316	1091	883	702	549	418	305	210	137	84	49	29	17	11
100%	98%	94%	87%	79%	69%	59%	49%	40%	31%	25%	19%	14%	9%	6%	4%	2%	1%	1%	0%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.6°	51.7°	63.3°	99.6%	99.4%