

Photometric / Colorimetric / Electric Report

Fixture Model:

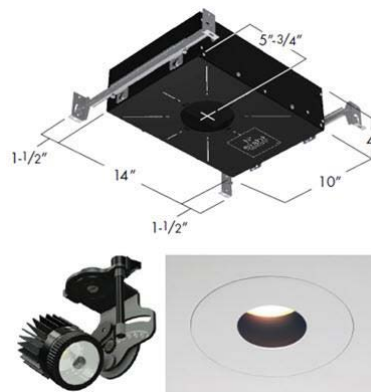
804S-J2S-WD-2-15-DIM1-8-350-FR-P-1-WH

Trim Model:

FR-P-1-WH

Date:

3/30/2022



Light efficiency:

51 Lumen/Watt

Light quality:

CRI: 96.5

Color temperature:

2885 K

CIE 1931:

x: 0.442
y: 0.399

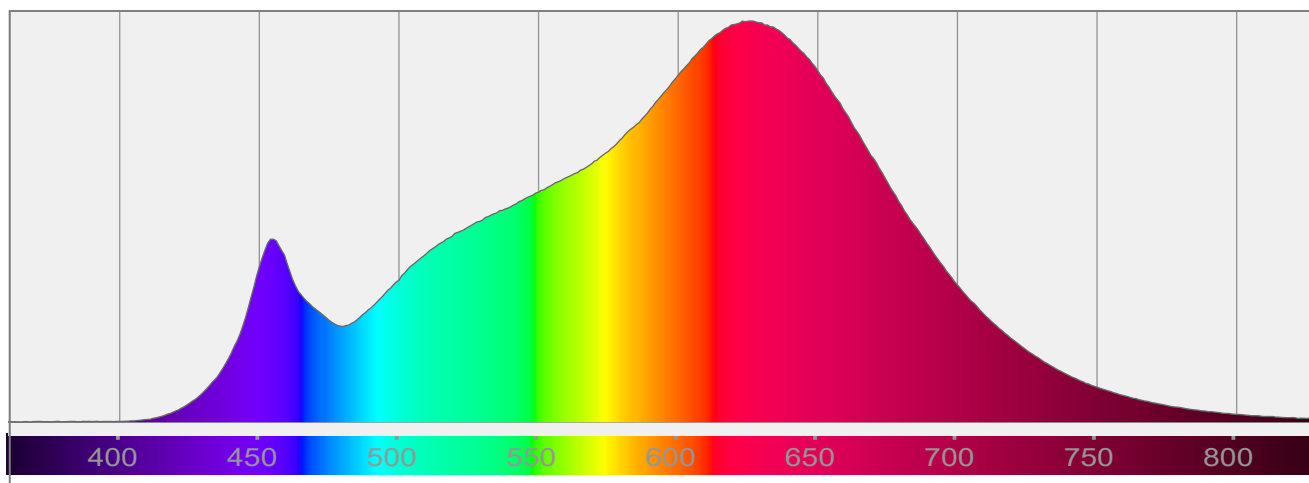
Output: 739 lm

Peak: 3633 cd

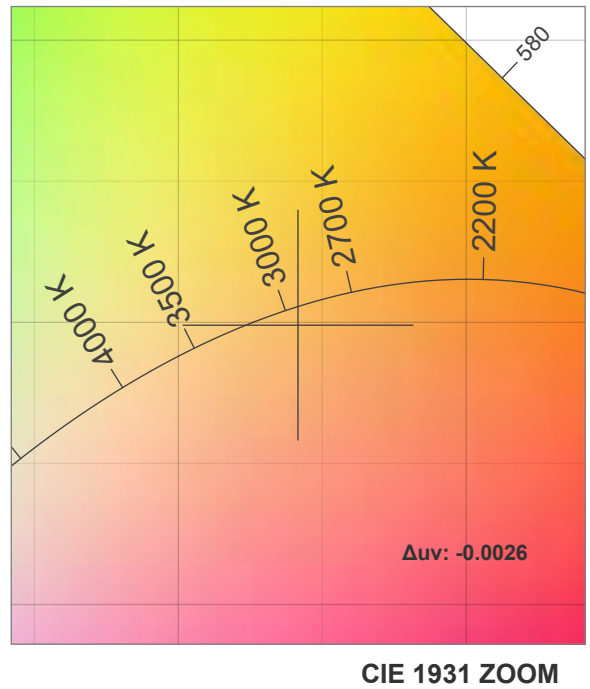
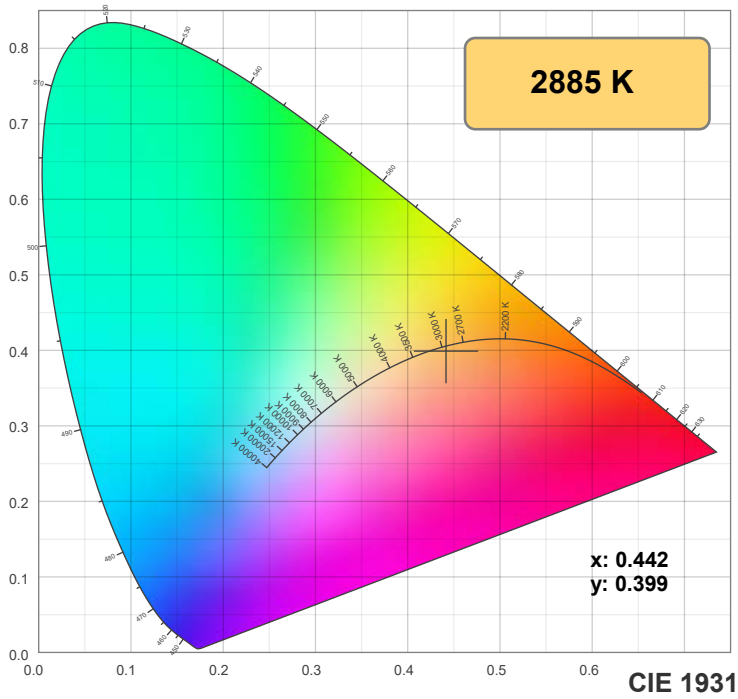
Power: 14.5 W

PF: 0.99

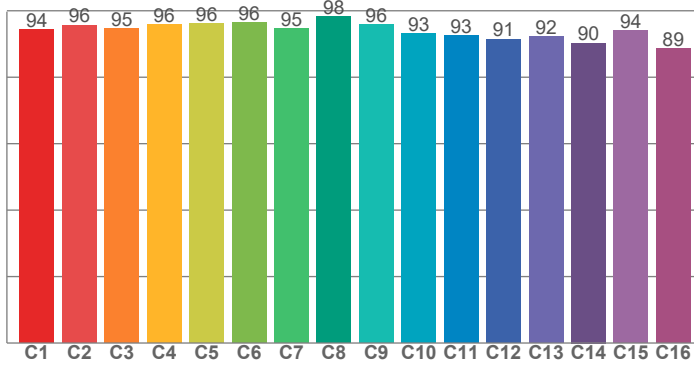
Spectra:



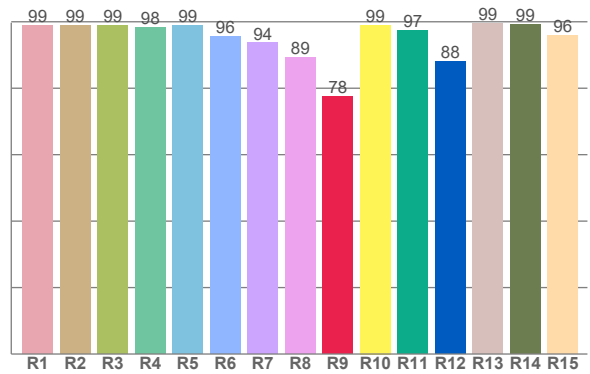
Color Details



TM-30: 94.1



CRI: 96.5 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.9	98.8	98.3	98.9	95.6	93.6	89.2	77.5	99.0	97.4	88.1	99.4	99.1	95.8

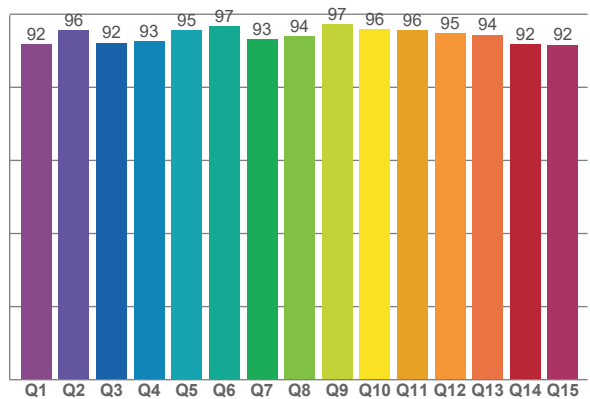
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	95.7	94.6	95.9	96.0	96.5	94.8	98.3	95.8	93.2	92.5	91.5	92.2	90.3	94.1	88.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.7	95.7	92.2	92.5	95.5	96.6	93.3	94.0	97.4	96.0	95.6	94.9	94.4	91.8	91.7

CQS: 93.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2885 K	96.5	77.5	94.1	100.6	93.8	0.442	0.399	0.256	0.347	-0.0026

TM-30 Details

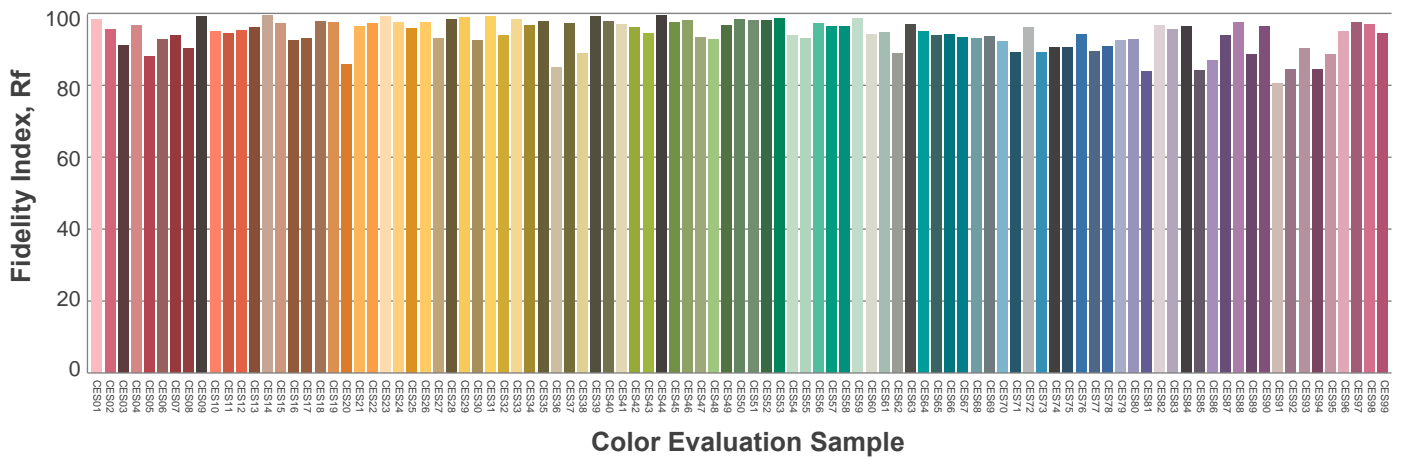
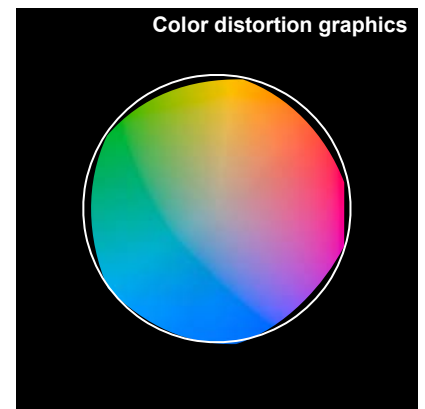
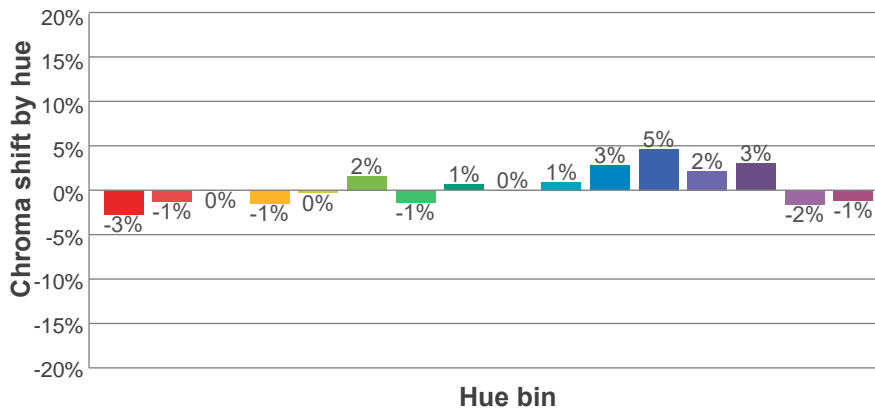
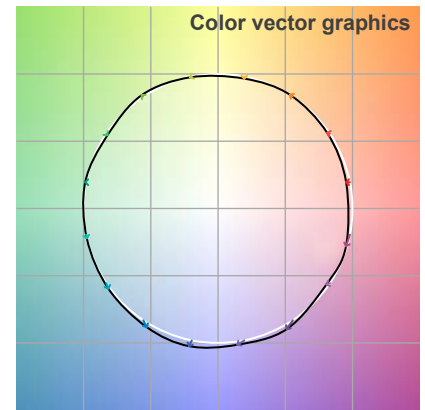
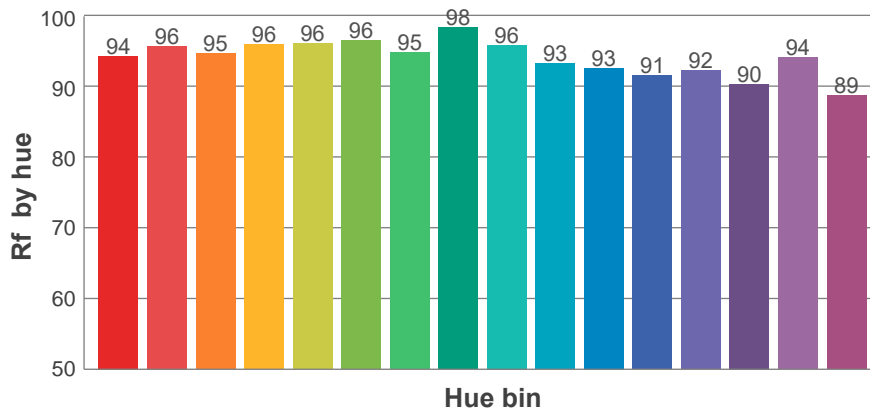
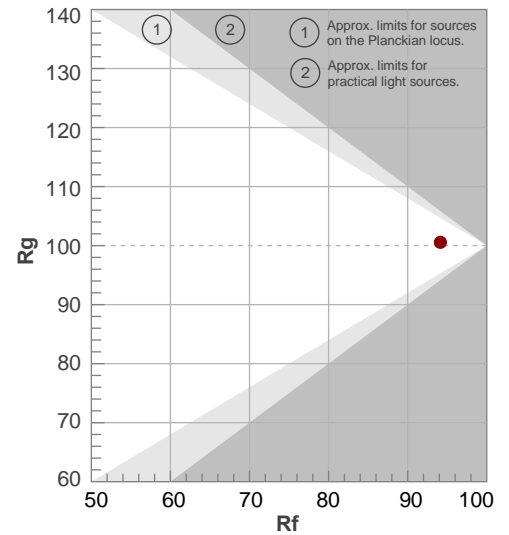
Rf 94.1

Fidelity index Rf

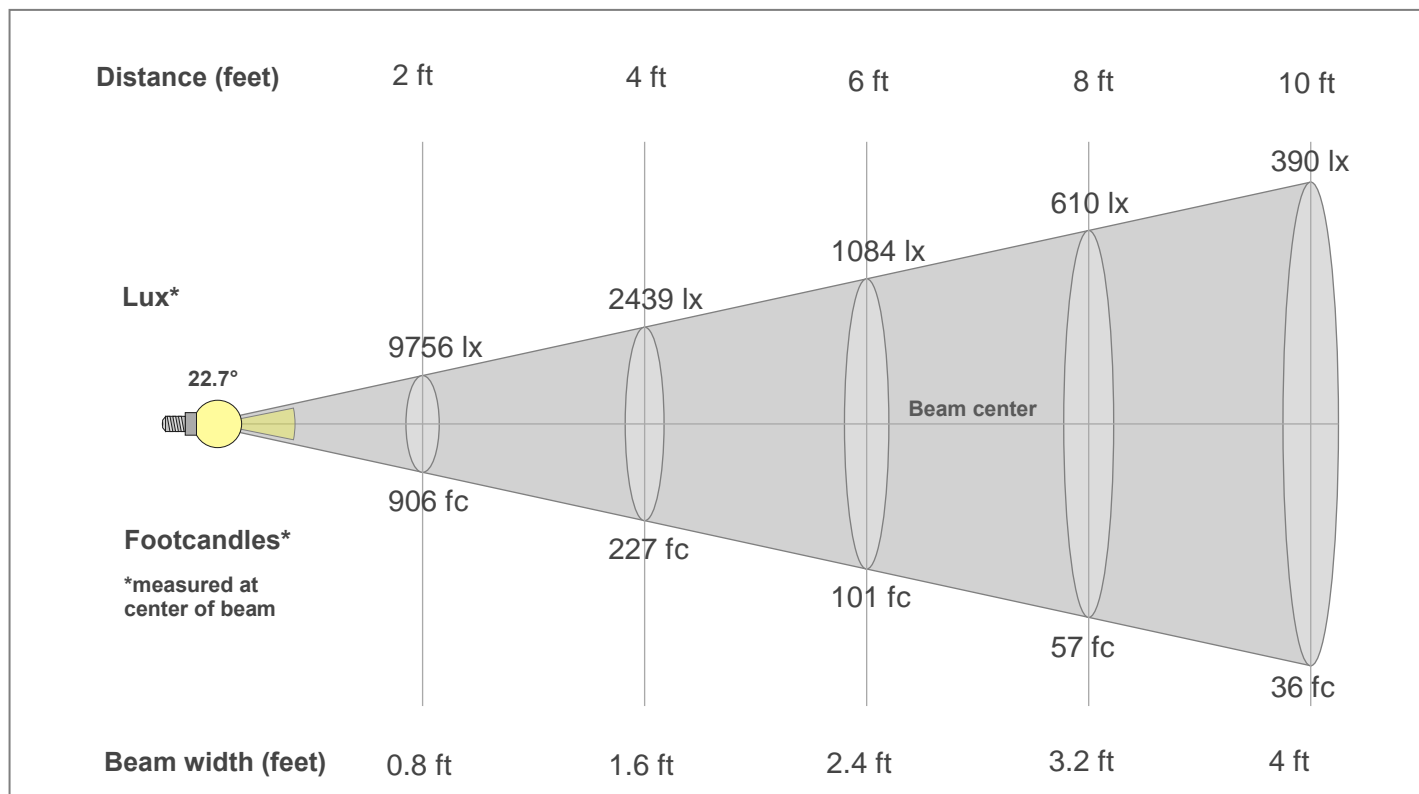
Rg 100.6

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	93	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
3626lx	906lx	403lx	227lx	145lx	101lx	74lx	57lx	45lx	36lx	30lx	25lx	21lx	18lx	16lx	14lx	13lx	11lx	10lx	9lx
336.8fc	84.2fc	37.4fc	21.1fc	13.5fc	9.4fc	6.9fc	5.3fc	4.2fc	3.4fc	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°
3626	3564	3362	3020	2587	2104	1648	1268	979	763	595	450	329	230	150	89	48	27	17	11
100%	98%	93%	83%	71%	58%	45%	35%	27%	21%	16%	12%	9%	6%	4%	2%	1%	1%	0%	0%

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°
3626	3558	3383	3063	2641	2156	1686	1272	960	734	566	429	312	218	143	83	45	26	17	12
100%	98%	93%	84%	73%	59%	46%	35%	26%	20%	16%	12%	9%	6%	4%	2%	1%	1%	0%	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°
3626	3564	3362	3020	2587	2104	1648	1268	979	763	595	450	329	230	150	89	48	27	17	11
100%	98%	93%	83%	71%	58%	45%	35%	27%	21%	16%	12%	9%	6%	4%	2%	1%	1%	0%	0%

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°
3626	3558	3383	3063	2641	2156	1686	1272	960	734	566	429	312	218	143	83	45	26	17	12
100%	98%	93%	84%	73%	59%	46%	35%	26%	20%	16%	12%	9%	6%	4%	2%	1%	1%	0%	0%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.7°	46.5°	59.6°	99.3%	99.2%