

Photometric / Colorimetric / Electric Report

Fixture Model:

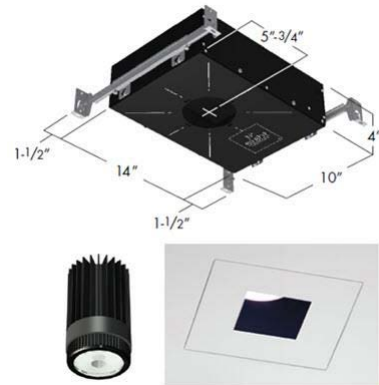
804S-K2S-WD-2-15-DIM1-8-350-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

4/8/2022



Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 96.8

Color temperature:

2883 K

CIE 1931:

**x: 0.443
y: 0.401**

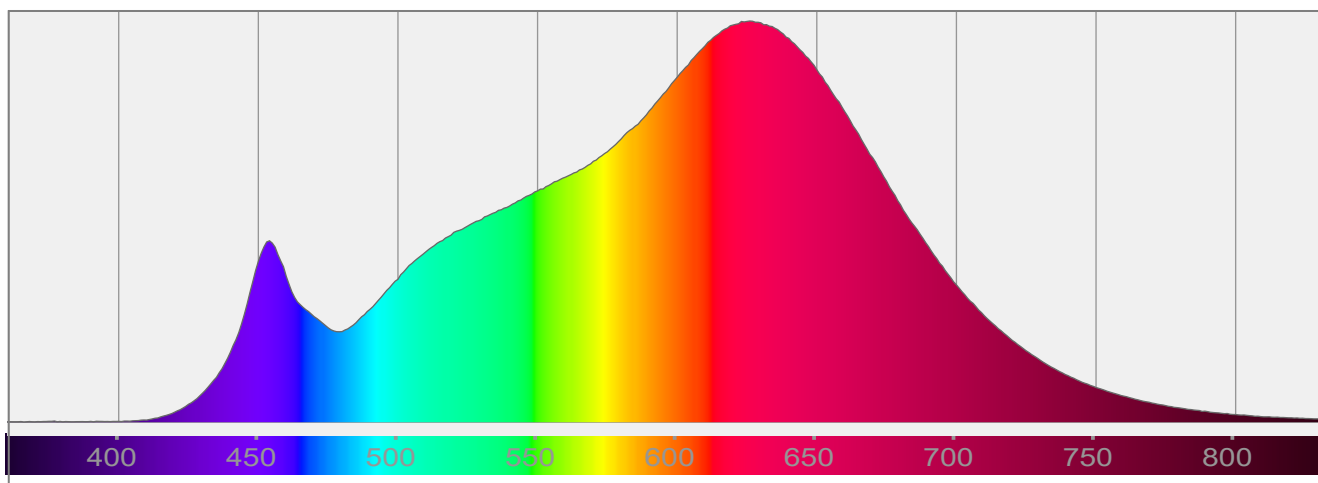
Output: 861 lm

Peak: 3730 cd

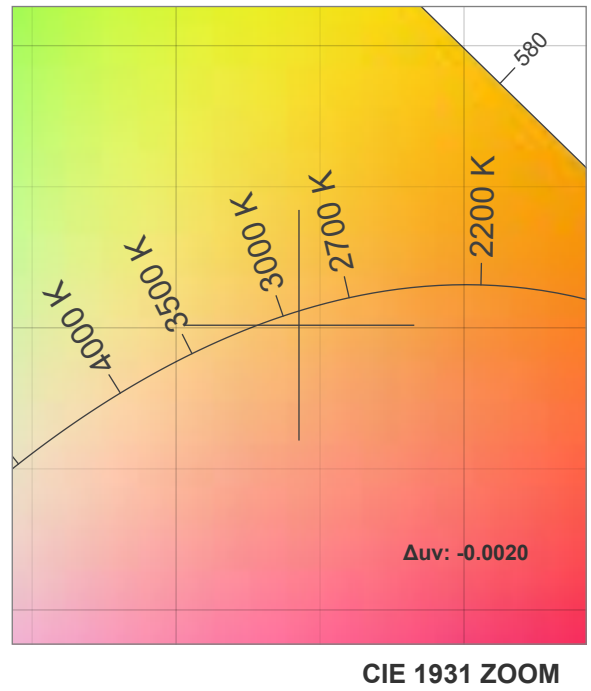
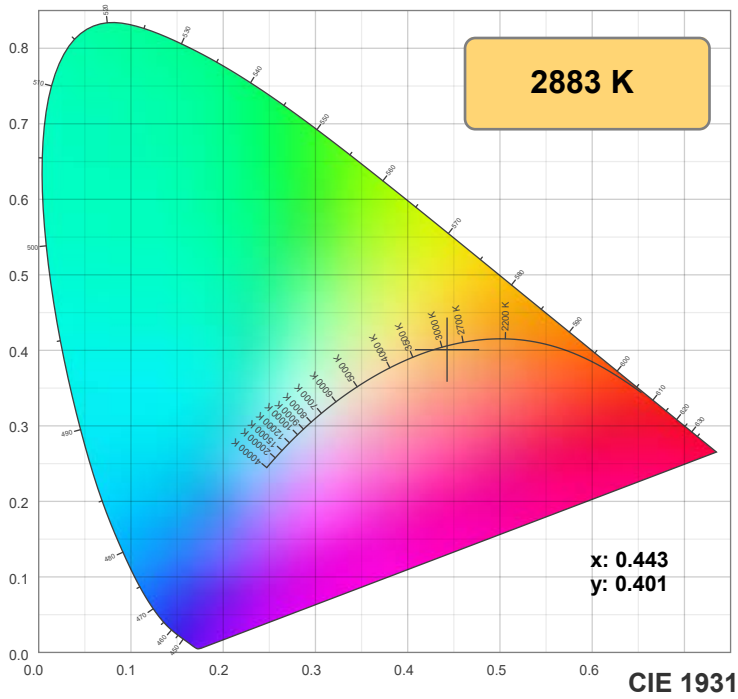
Power: 14.6 W

PF: 1.0

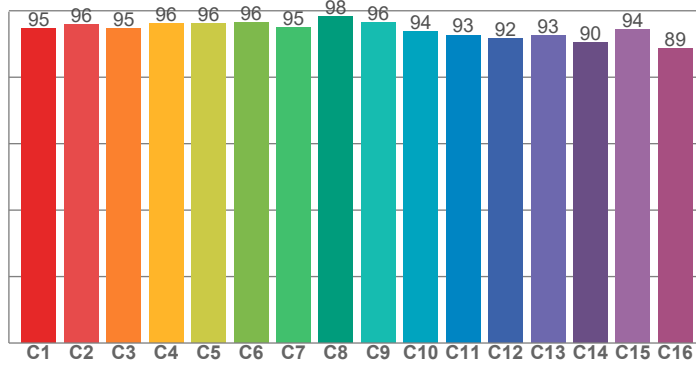
Spectra:



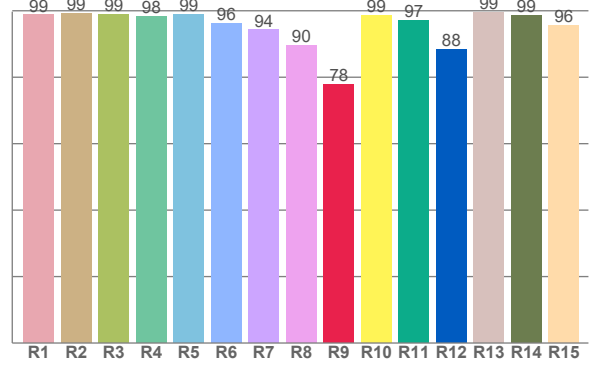
Color Details



TM-30: 94.4



CRI: 96.8 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.3	99.0	98.4	98.9	96.3	94.2	89.7	77.8	98.7	97.2	88.4	99.5	98.7	95.6

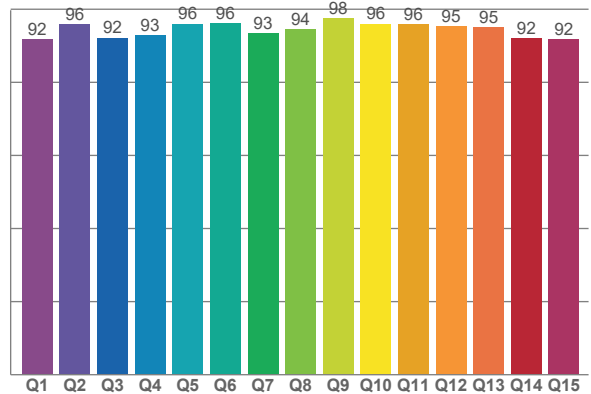
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.6	96.0	94.7	96.1	96.1	96.4	95.0	98.2	96.4	93.7	92.7	91.6	92.5	90.5	94.3	88.7

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.8	95.9	92.2	92.9	96.0	96.1	93.4	94.5	97.6	96.0	95.9	95.4	95.0	92.0	91.8

CQS: 94.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2883 K	96.8	77.8	94.4	100.7	94.0	0.443	0.401	0.256	0.347	-0.0020

TM-30 Details

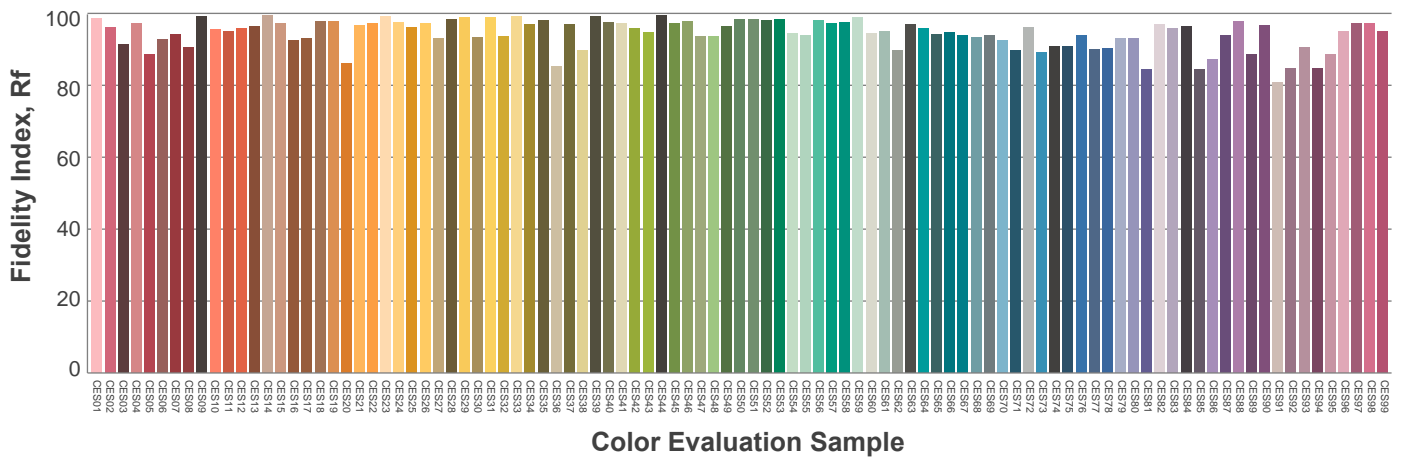
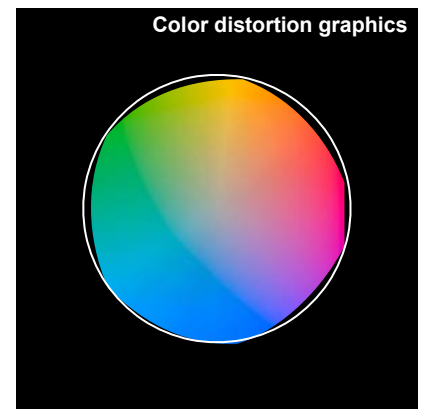
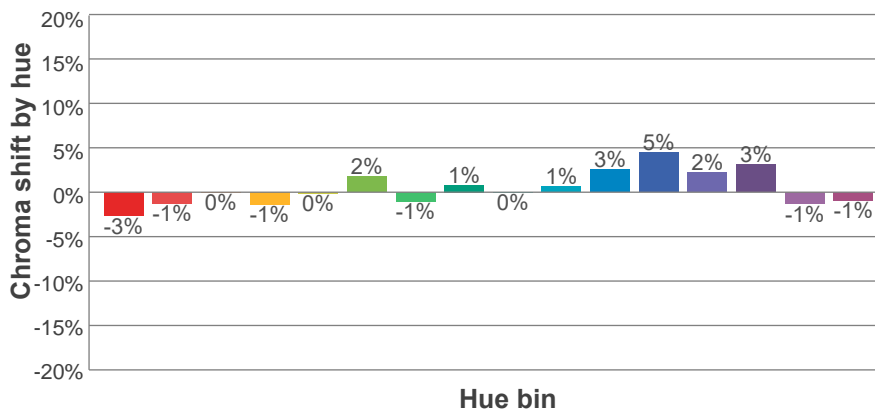
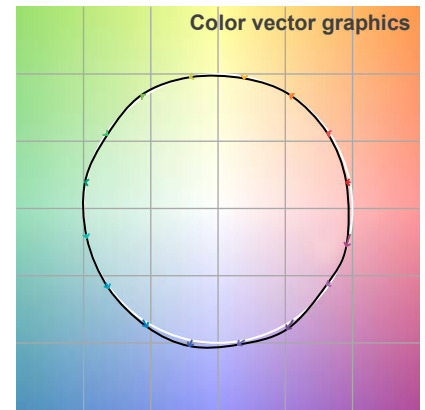
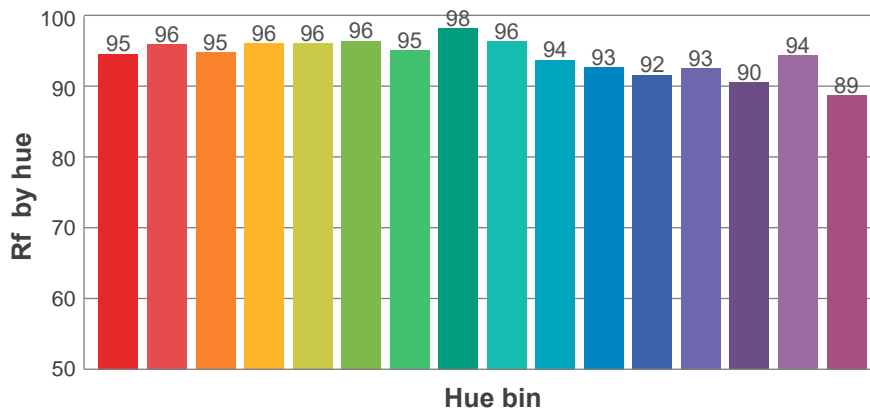
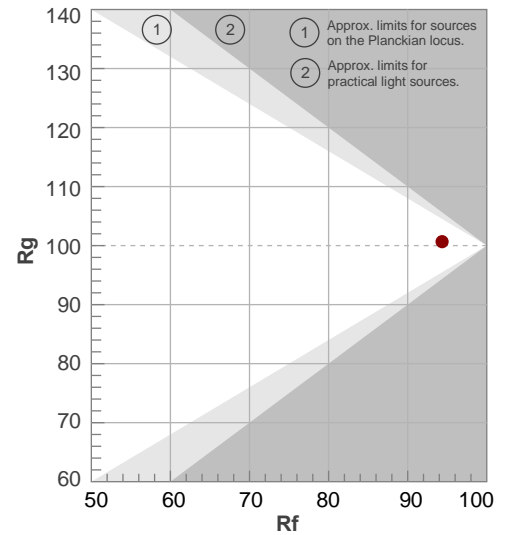
Rf 94.4

Fidelity index Rf

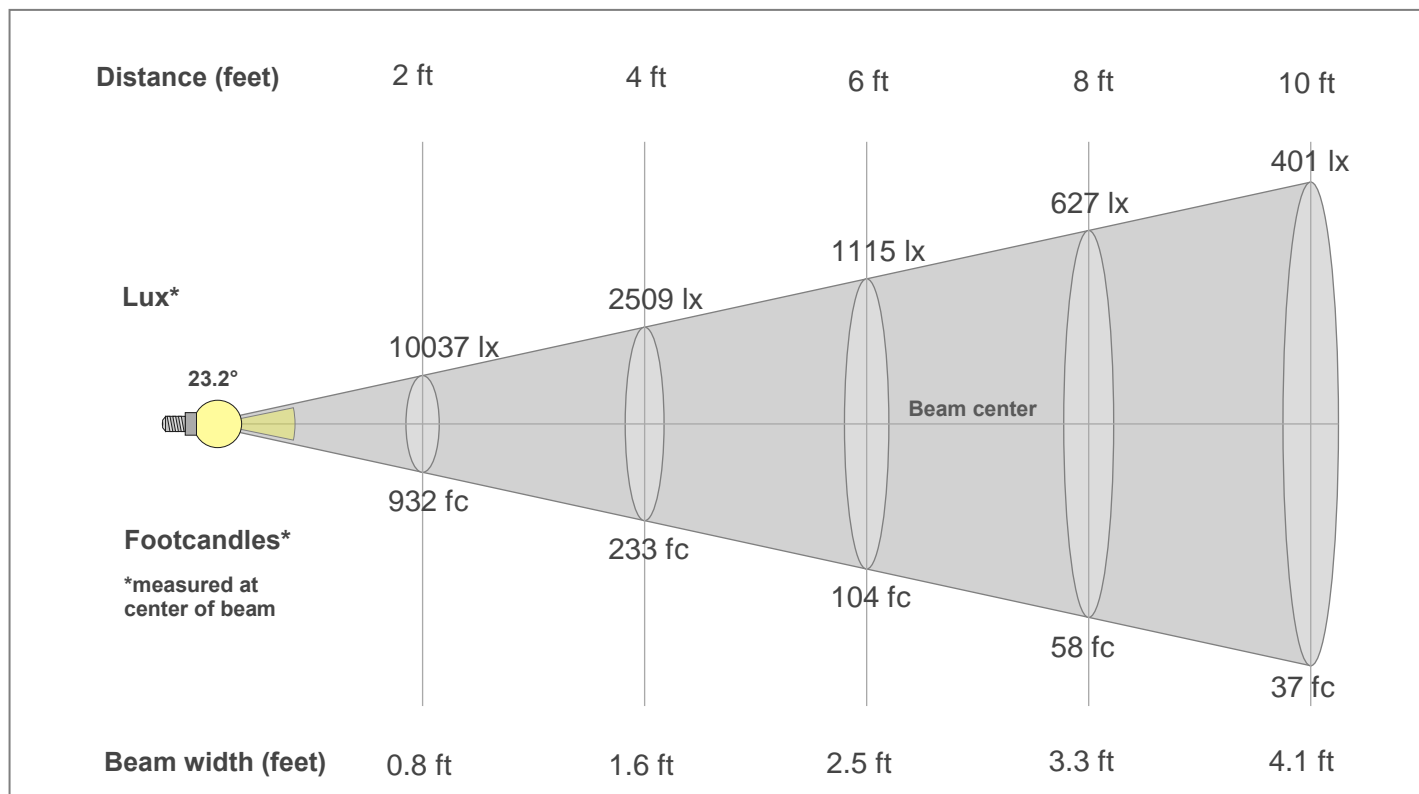
Rg 100.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	96	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	1%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	2%
10	94	1%	4%
11	93	3%	5%
12	92	5%	-1%
13	93	2%	-5%
14	90	3%	-7%
15	94	-1%	-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
3730lx	932lx	414lx	233lx	149lx	104lx	76lx	58lx	46lx	37lx	31lx	26lx	22lx	19lx	17lx	15lx	13lx	12lx	10lx	9lx
346.5fc	86.6fc	38.5fc	21.7fc	13.9fc	9.6fc	7.1fc	5.4fc	4.3fc	3.5fc	2.9fc	2.4fc	2.1fc	1.8fc	1.5fc	1.4fc	1.2fc	1.1fc	1fc	0.9fc

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°
3730	3665	3474	3150	2724	2236	1772	1364	1052	813	633	494	387	303	239	187	142	104	74	53
100%	98%	93%	84%	73%	60%	48%	37%	28%	22%	17%	13%	10%	8%	6%	5%	4%	3%	2%	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°
3730	3665	3474	3150	2724	2236	1772	1364	1052	813	633	494	387	303	239	187	142	104	74	53
100%	98%	93%	84%	73%	60%	48%	37%	28%	22%	17%	13%	10%	8%	6%	5%	4%	3%	2%	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°
3730	3665	3474	3150	2724	2236	1772	1364	1052	813	633	494	387	303	239	187	142	104	74	53
100%	98%	93%	84%	73%	60%	48%	37%	28%	22%	17%	13%	10%	8%	6%	5%	4%	3%	2%	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°
3730	3665	3474	3150	2724	2236	1772	1364	1052	813	633	494	387	303	239	187	142	104	74	53
100%	98%	93%	84%	73%	60%	48%	37%	28%	22%	17%	13%	10%	8%	6%	5%	4%	3%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
23.2°	48.6°	69.3°	99.4%	98.7%