

Photometric / Colorimetric / Electric Report

Fixture Model:

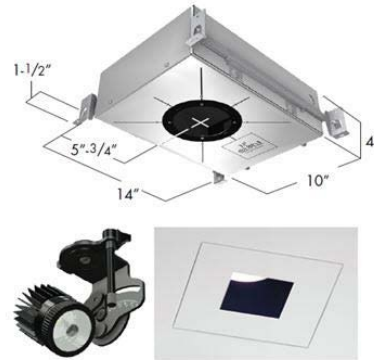
804S-J2S-TW-15T-3000K-EL3-8-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

7/30/2020



Light efficiency:

66 Lumen/Watt

Light quality:

CRI: 95.4

Color temperature:

2983 K

CIE 1931:

**x: 0.432
y: 0.391**

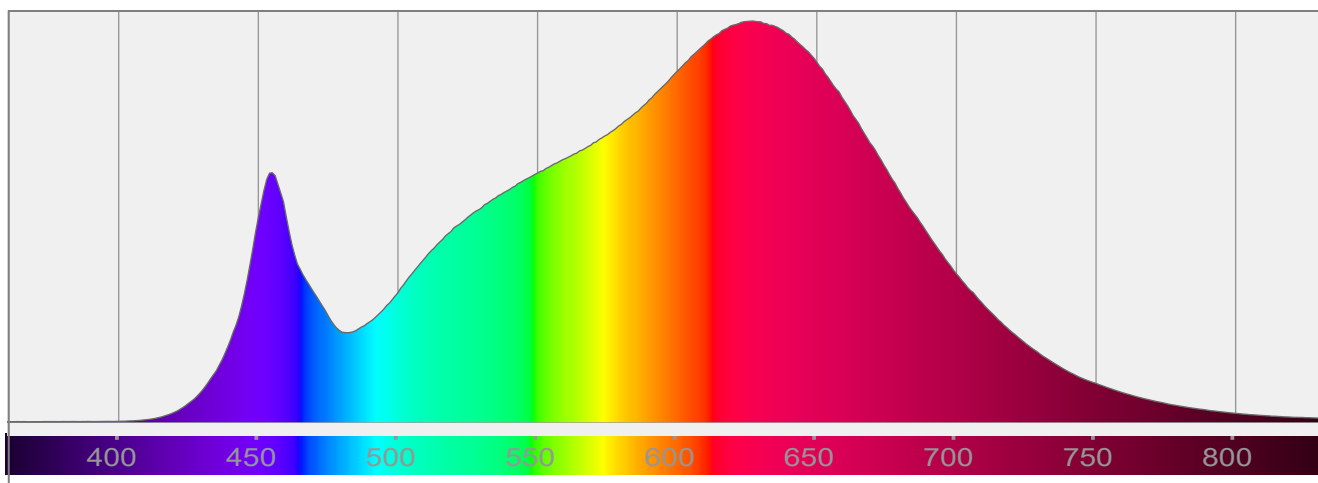
Output: 943 lm

Peak: 6919 cd

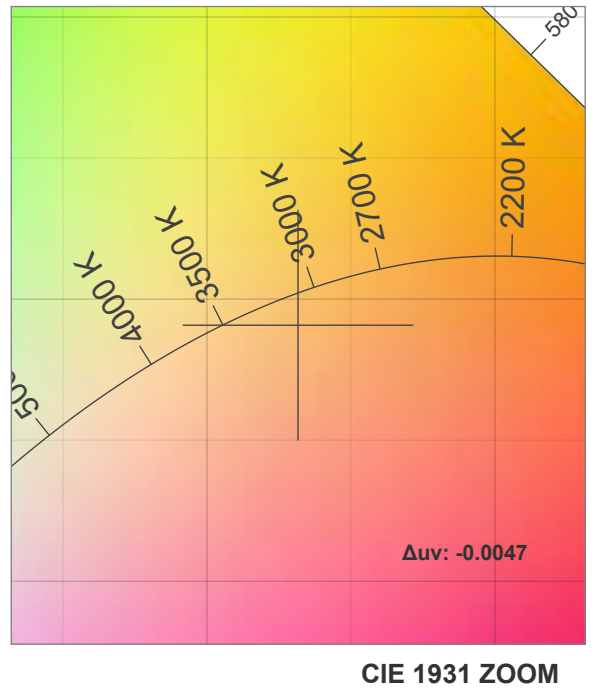
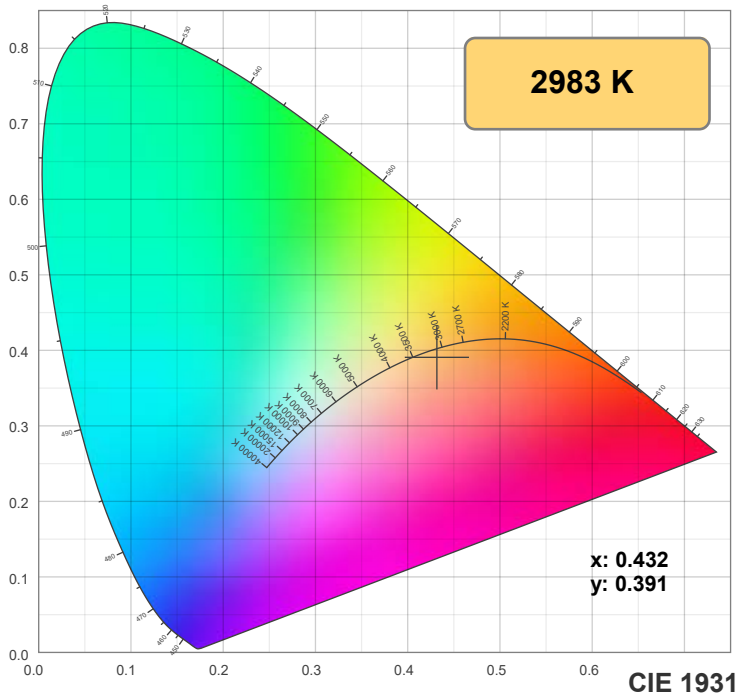
Power: 14.3 W

PF: 0.99

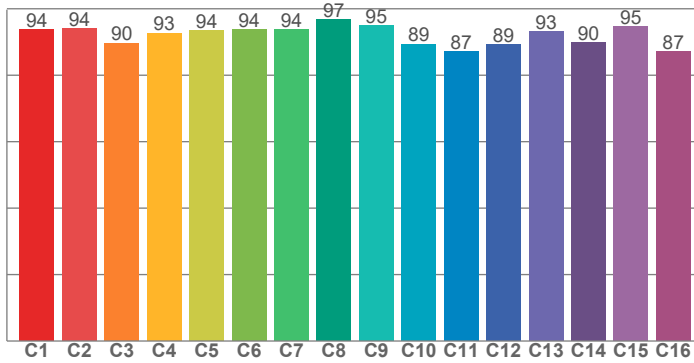
Spectra:



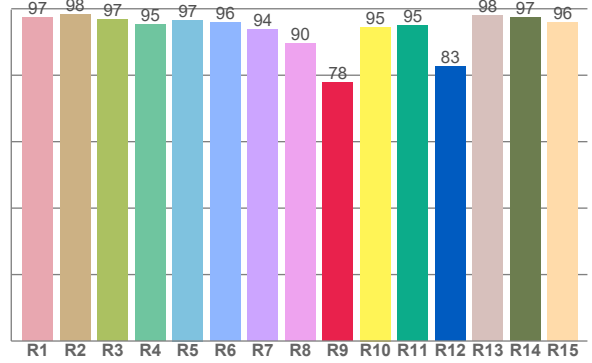
Color Details



TM-30: 92.0



CRI: 95.4 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	98.3	96.8	95.3	96.6	95.8	93.8	89.5	77.8	94.5	95.0	82.5	98.1	97.4	95.9

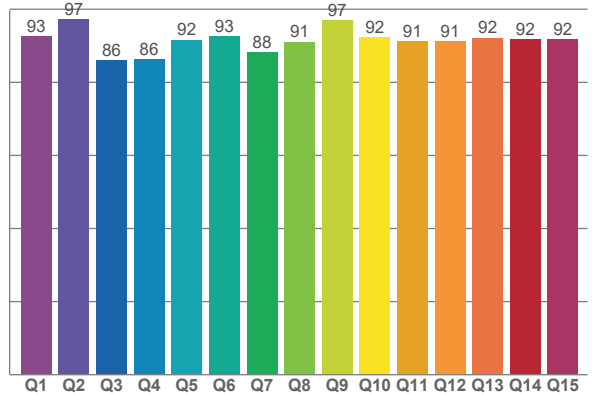
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.8	94.0	89.7	92.7	93.6	93.8	93.7	96.7	95.0	89.4	87.1	89.2	93.2	89.8	94.7	87.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.5	97.2	85.9	86.3	91.7	92.7	88.2	91.1	97.1	92.2	91.3	91.3	92.2	91.7	91.8

CQS: 90.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2983 K	95.4	77.8	92.0	101.9	90.9	0.432	0.391	0.253	0.343	-0.0047

TM-30 Details

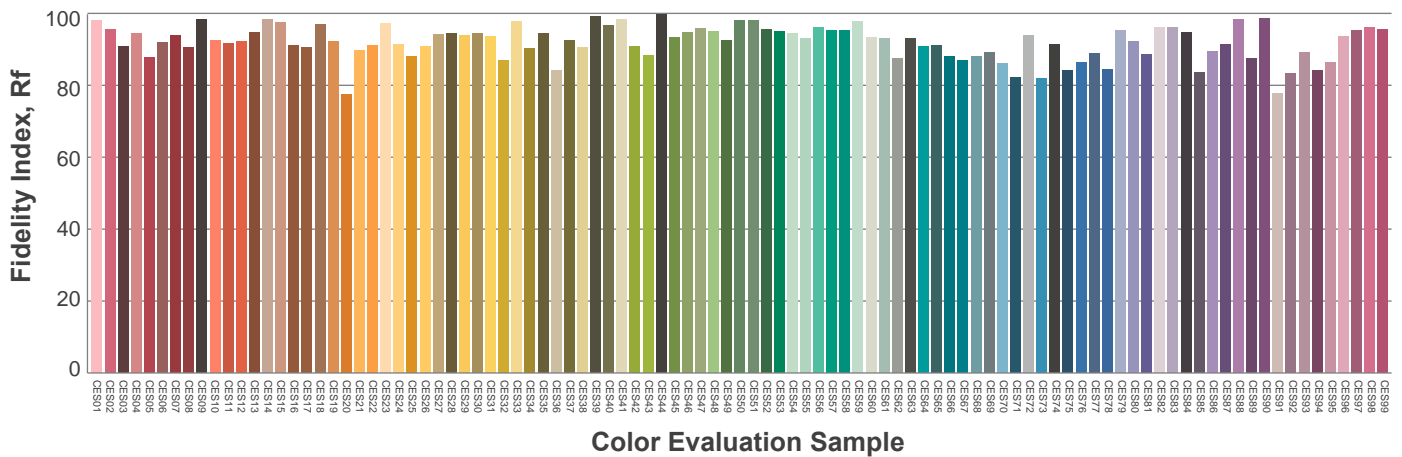
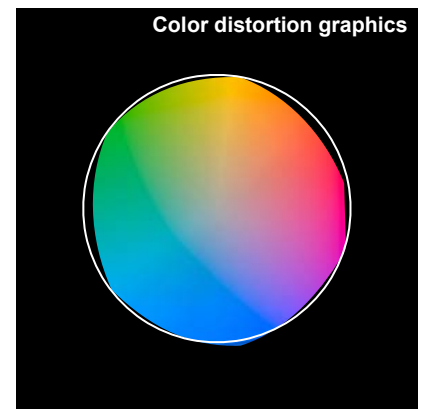
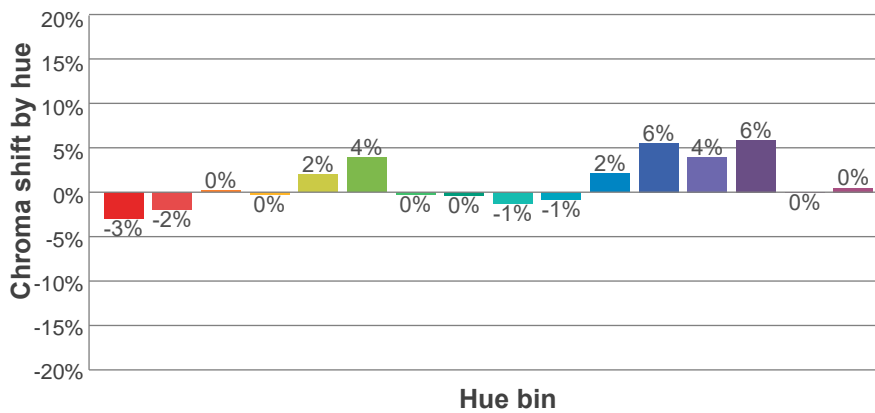
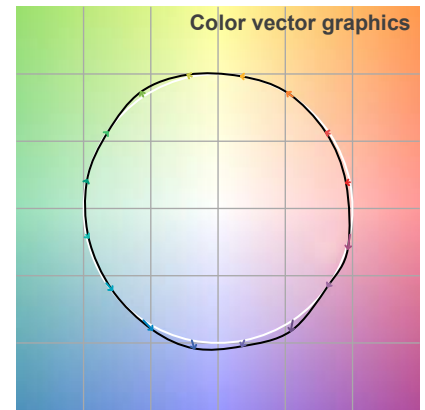
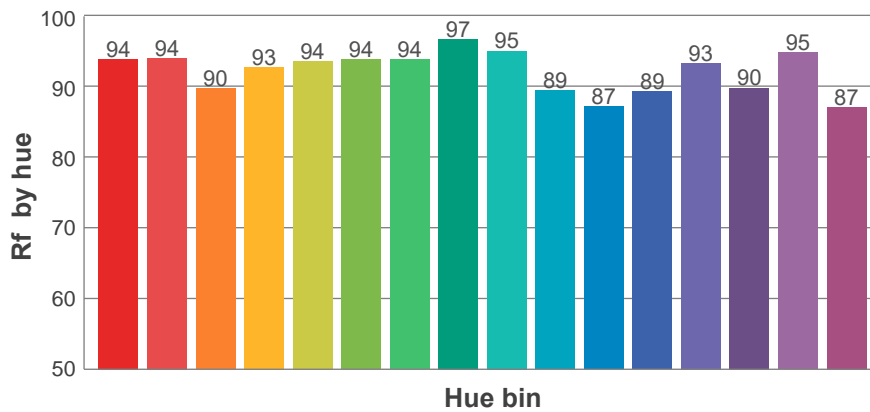
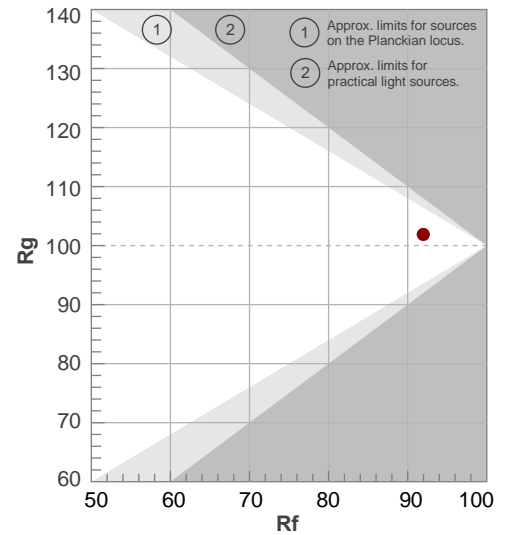
Rf 92.0

Fidelity index Rf

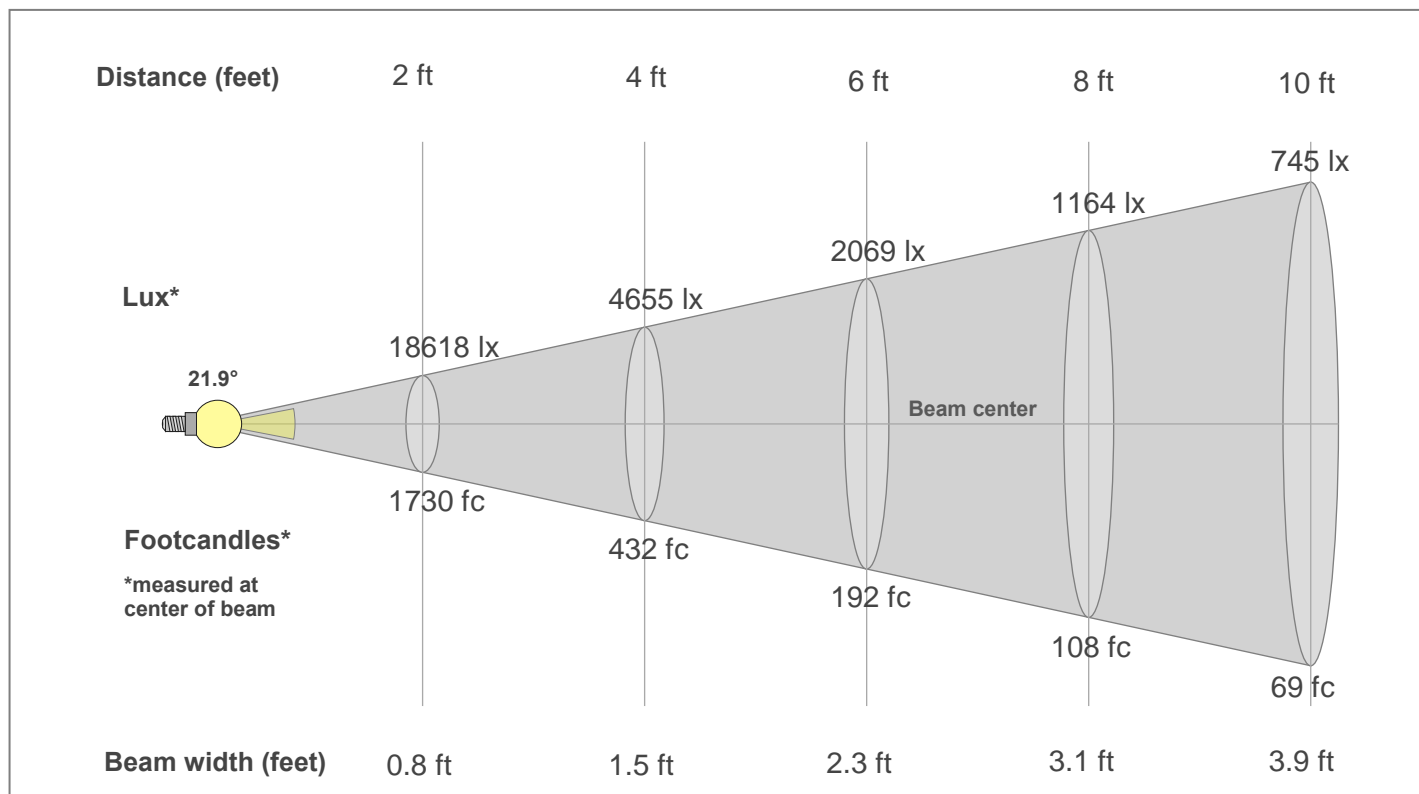
Rg 101.9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	94	-2%	3%
3	90	0%	5%
4	93	0%	2%
5	94	2%	3%
6	94	4%	0%
7	94	0%	-2%
8	97	0%	-2%
9	95	-1%	2%
10	89	-1%	7%
11	87	2%	9%
12	89	6%	3%
13	93	4%	-3%
14	90	6%	-6%
15	95	0%	-3%
16	87	0%	-11%



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
6919lx	1730lx	769lx	432lx	277lx	192lx	141lx	108lx	85lx	69lx	57lx	48lx	41lx	35lx	31lx	27lx	24lx	21lx	19lx	17lx
642.8fc	160.7fc	71.4fc	40.2fc	25.7fc	17.9fc	13.1fc	10fc	7.9fc	6.4fc	5.3fc	4.5fc	3.8fc	3.3fc	2.9fc	2.5fc	2.2fc	2fc	1.8fc	1.6fc

Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6919	6916	6871	6733	6528	6287	5999	5634	5164	4615	4026	3426	2798	2161	1571	1075	726	510	373	279
100%	100%	99%	97%	94%	91%	87%	81%	75%	67%	58%	50%	40%	31%	23%	16%	10%	7%	5%	4%

Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6919	6916	6871	6733	6528	6287	5999	5634	5164	4615	4026	3426	2798	2161	1571	1075	726	510	373	279
100%	100%	99%	97%	94%	91%	87%	81%	75%	67%	58%	50%	40%	31%	23%	16%	10%	7%	5%	4%

Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6919	6916	6871	6733	6528	6287	5999	5634	5164	4615	4026	3426	2798	2161	1571	1075	726	510	373	279
100%	100%	99%	97%	94%	91%	87%	81%	75%	67%	58%	50%	40%	31%	23%	16%	10%	7%	5%	4%

Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
6919	6916	6871	6733	6528	6287	5999	5634	5164	4615	4026	3426	2798	2161	1571	1075	726	510	373	279
100%	100%	99%	97%	94%	91%	87%	81%	75%	67%	58%	50%	40%	31%	23%	16%	10%	7%	5%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
21.9°	32.3°	41.6°	99.7%	99.6%