

Photometric / Colorimetric / Electric Report

Fixture Model:

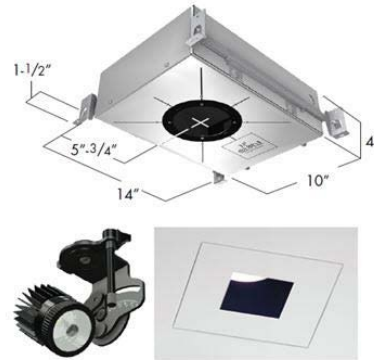
804S-J2S-TW-15T-4500K-EL3-8-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

7/30/2020



Light efficiency:

70 Lumen/Watt

Light quality:

CRI: 91.6

Color temperature:

4476 K

CIE 1931:

**x: 0.363
y: 0.368**

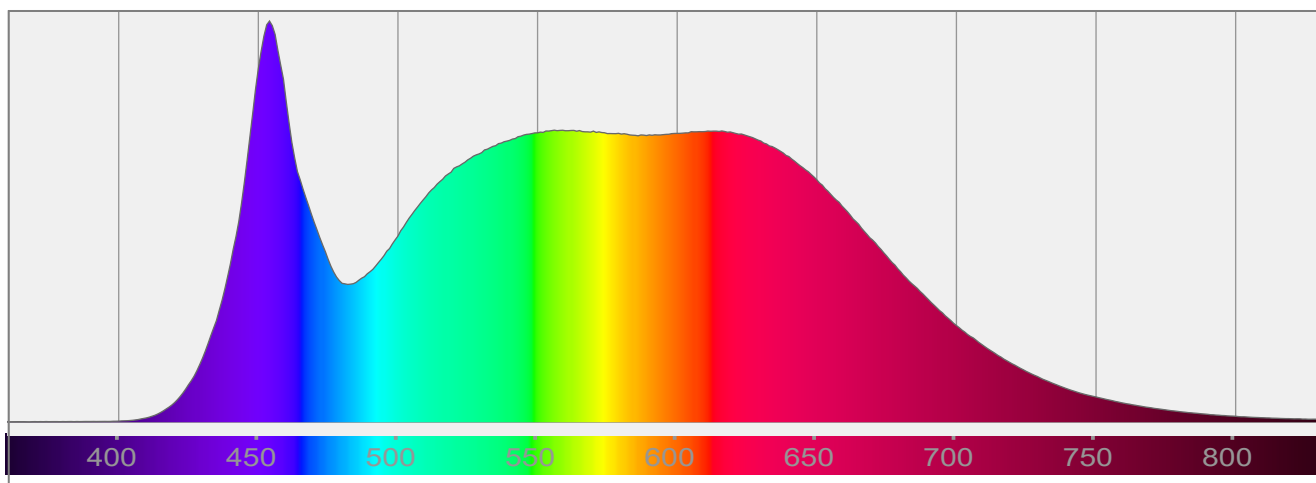
Output: 1024 lm

Peak: 7625 cd

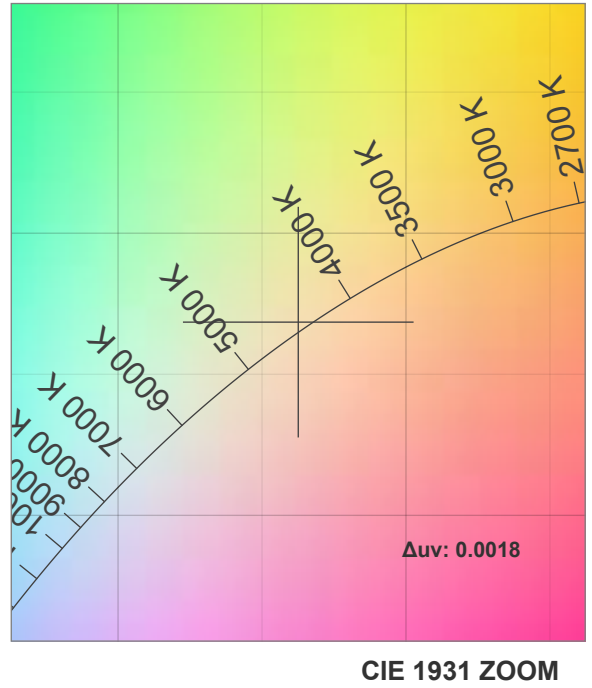
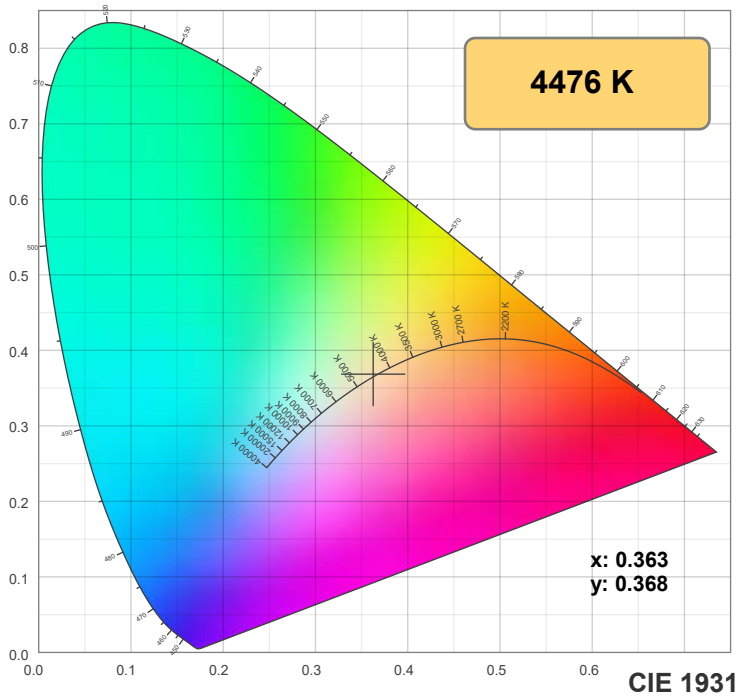
Power: 14.7 W

PF: 0.99

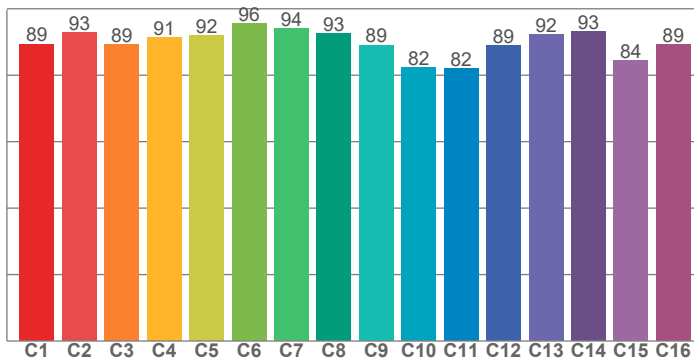
Spectra:



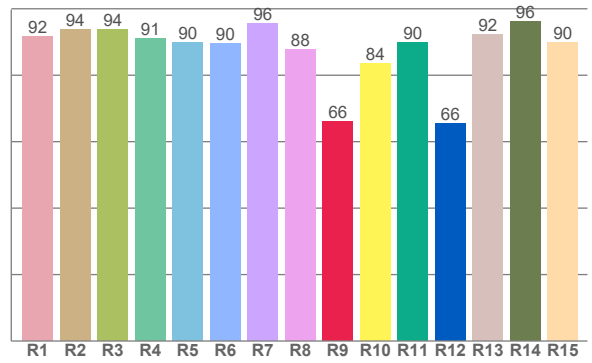
Color Details



TM-30: 89.7



CRI: 91.6 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
91.6	93.9	93.7	91.1	89.8	89.6	95.7	87.6	66.2	83.6	89.8	65.6	92.3	96.2	89.8

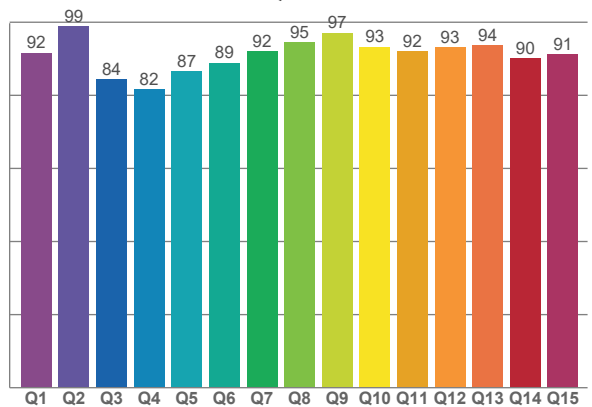
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.4	92.8	89.2	91.3	92.0	95.6	94.1	92.6	89.1	82.3	81.9	89.0	92.1	93.2	84.3	89.3

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.7	98.9	84.4	81.7	86.5	88.9	92.0	94.6	97.1	93.3	92.1	93.1	93.8	90.1	91.1

CQS: 90.3



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
4476 K	91.6	66.2	89.7	98.4	90.3	0.363	0.368	0.217	0.330	0.0018

TM-30 Details

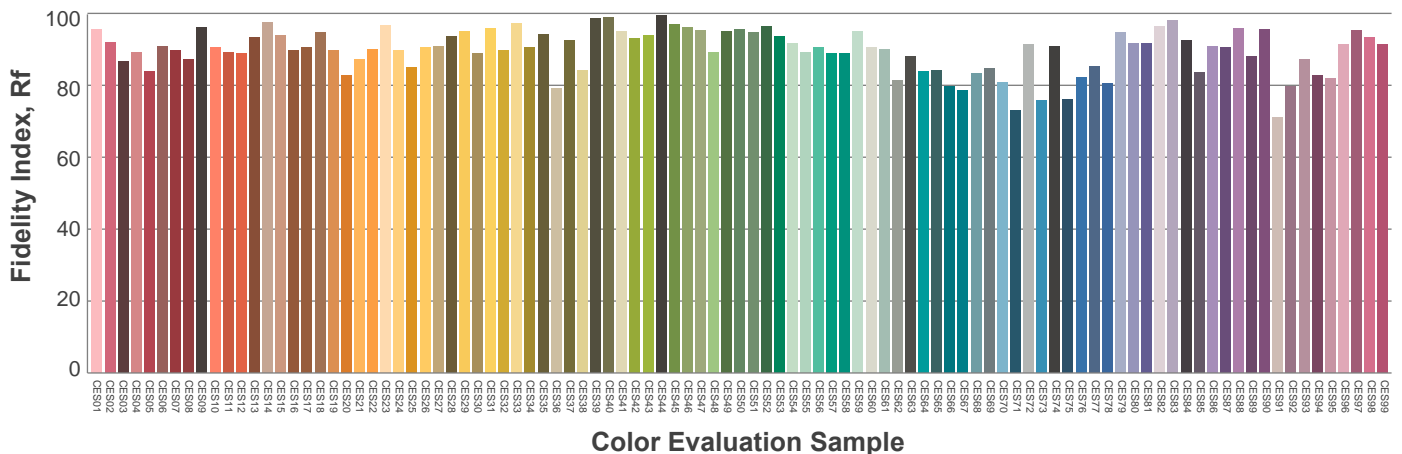
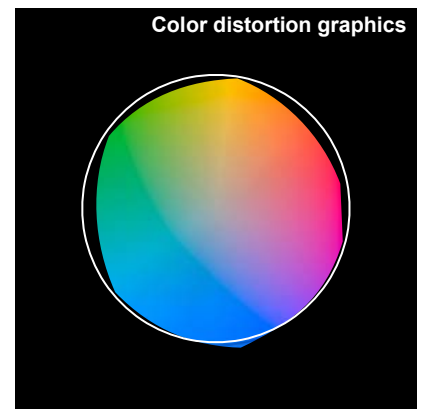
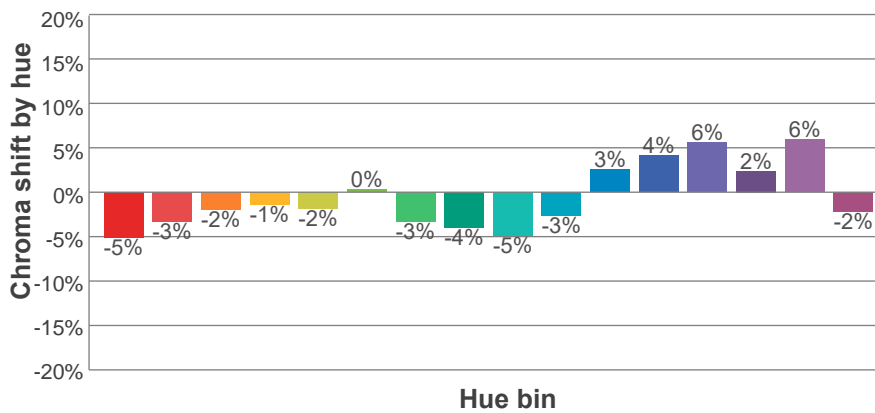
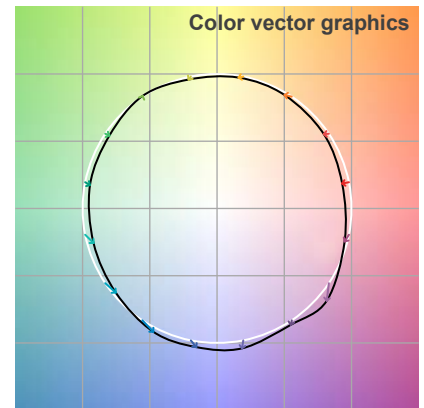
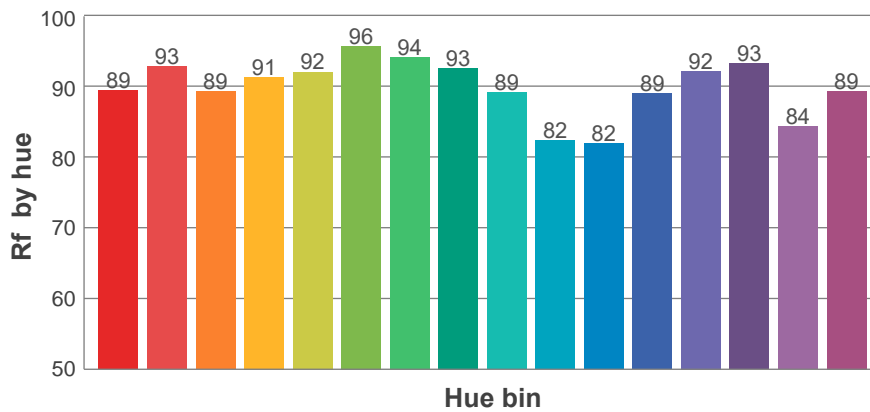
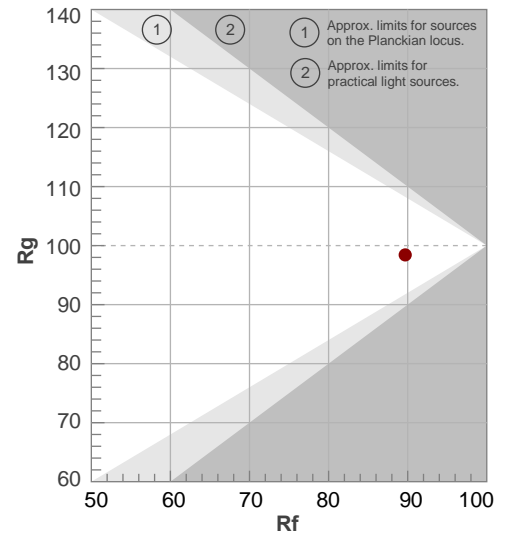
Rf 89.7

Fidelity index Rf

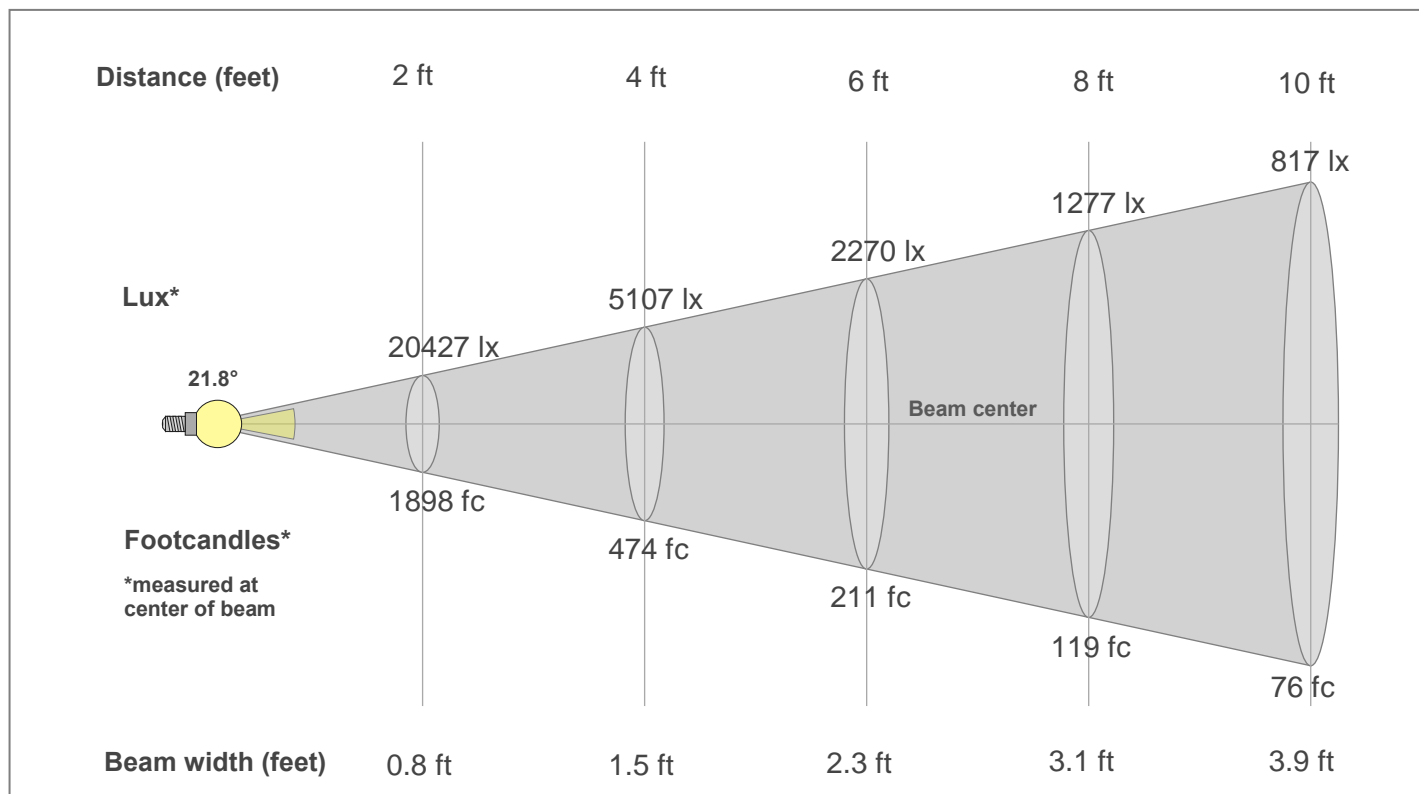
Rg 98.4

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	89	-5%	0%
2	93	-3%	2%
3	89	-2%	5%
4	91	-1%	3%
5	92	-2%	2%
6	96	0%	0%
7	94	-3%	-1%
8	93	-4%	1%
9	89	-5%	7%
10	82	-3%	10%
11	82	3%	12%
12	89	4%	5%
13	92	6%	-2%
14	93	2%	-2%
15	84	6%	-12%
16	89	-2%	-5%



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
7591lx	1898lx	843lx	474lx	304lx	211lx	155lx	119lx	94lx	76lx	63lx	53lx	45lx	39lx	34lx	30lx	26lx	23lx	21lx	19lx
705.2fc	176.3fc	78.4fc	44.1fc	28.2fc	19.6fc	14.4fc	11fc	8.7fc	7.1fc	5.8fc	4.9fc	4.2fc	3.6fc	3.1fc	2.8fc	2.4fc	2.2fc	2fc	1.8fc

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°
7591	7604	7618	7540	7333	7047	6706	6276	5731	5109	4445	3743	2999	2249	1585	1075	725	510	380	289
100%	100%	100%	99%	97%	93%	88%	83%	75%	67%	59%	49%	40%	30%	21%	14%	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°
7591	7604	7618	7540	7333	7047	6706	6276	5731	5109	4445	3743	2999	2249	1585	1075	725	510	380	289
100%	100%	100%	99%	97%	93%	88%	83%	75%	67%	59%	49%	40%	30%	21%	14%	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°
7591	7604	7618	7540	7333	7047	6706	6276	5731	5109	4445	3743	2999	2249	1585	1075	725	510	380	289
100%	100%	100%	99%	97%	93%	88%	83%	75%	67%	59%	49%	40%	30%	21%	14%	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°
7591	7604	7618	7540	7333	7047	6706	6276	5731	5109	4445	3743	2999	2249	1585	1075	725	510	380	289
100%	100%	100%	99%	97%	93%	88%	83%	75%	67%	59%	49%	40%	30%	21%	14%	10%	7%	5%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
21.8°	31.7°	41.3°	99.7%	99.6%