

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-TW-15T-3500K-DAL2-8.5-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

1/22/2025



Light efficiency:

65 Lumen/Watt

Light quality:

CRI: 96.2

Color temperature:

3444 K

CIE 1931:

**x: 0.406
y: 0.385**

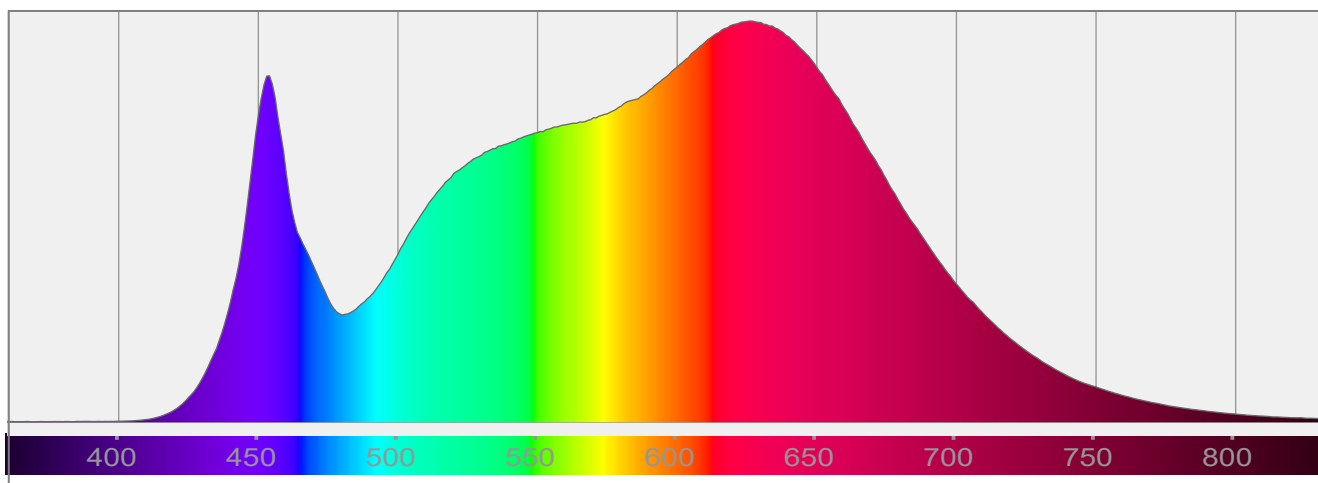
Output: 1012 lm

Peak: 7272 cd

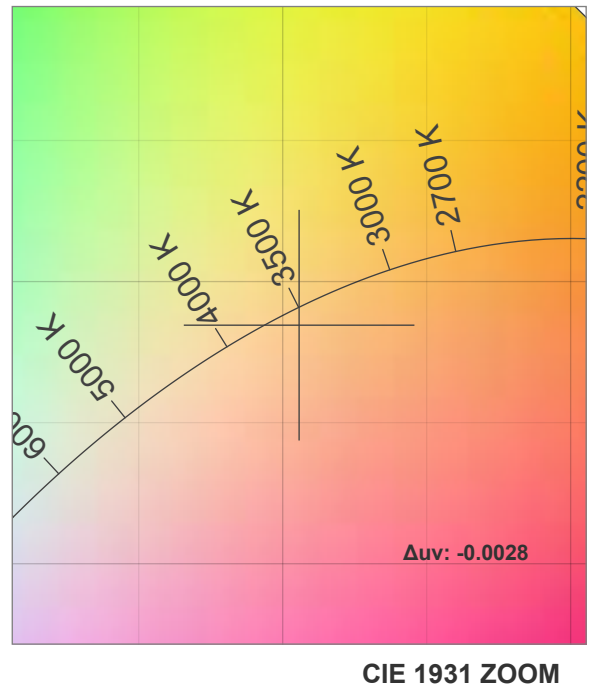
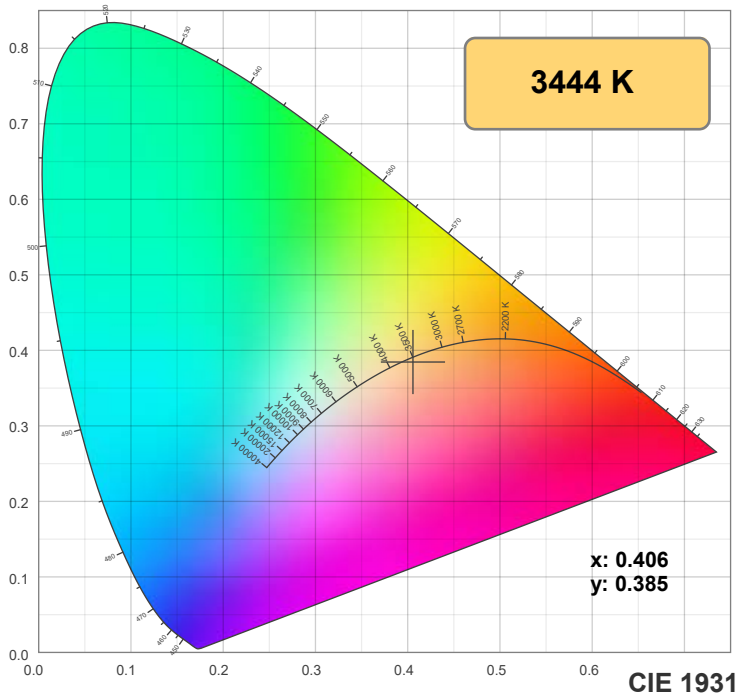
Power: 15.5 W

PF: 1.0

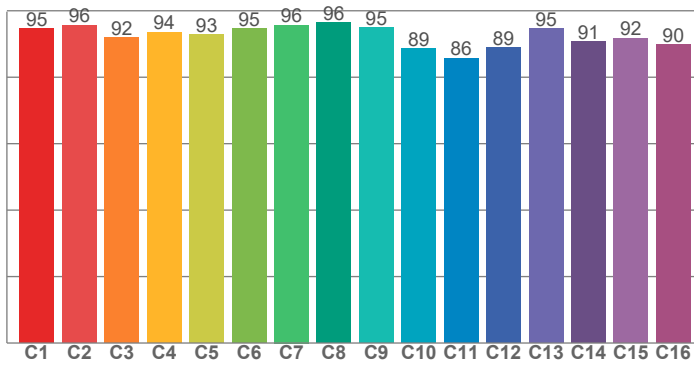
Spectra:



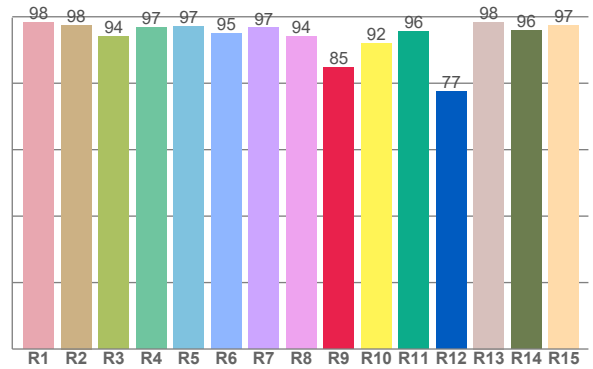
Color Details



TM-30: 92.5



CRI: 96.2 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.2	97.5	94.2	96.7	97.0	94.9	96.6	94.1	84.9	92.0	95.5	77.4	98.4	95.8	97.4

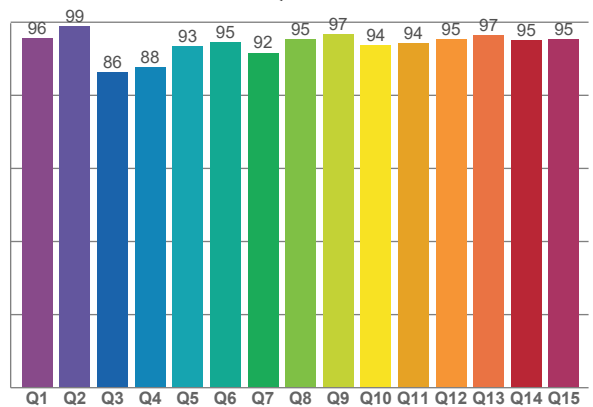
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.7	95.7	91.9	93.6	92.9	94.6	95.7	96.5	95.0	88.7	85.7	89.0	94.6	90.8	91.8	89.9

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95.6	99.0	86.2	87.7	93.5	94.6	91.6	95.4	96.7	93.8	94.2	95.3	96.5	95.1	95.2

CQS: 93.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3444 K	96.2	84.9	92.5	101.7	93.2	0.406	0.385	0.239	0.339	-0.0028

TM-30 Details

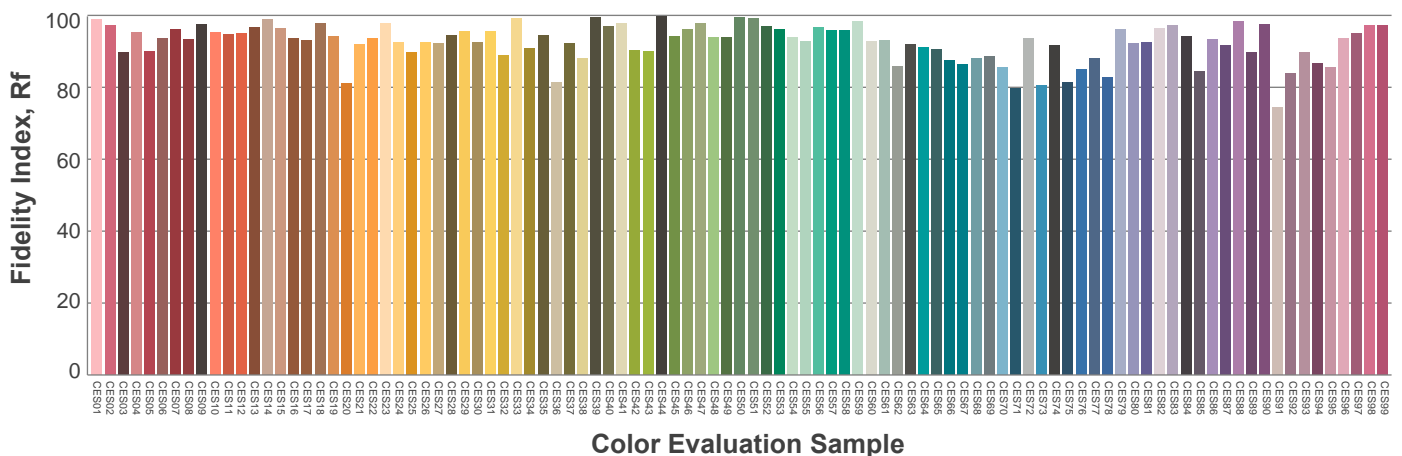
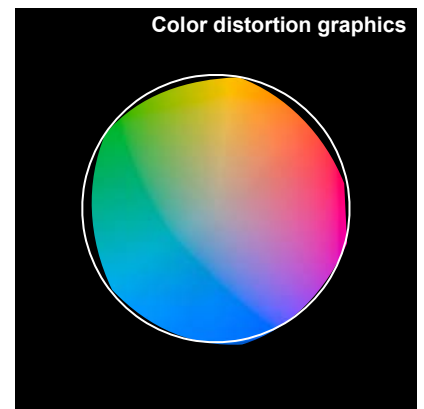
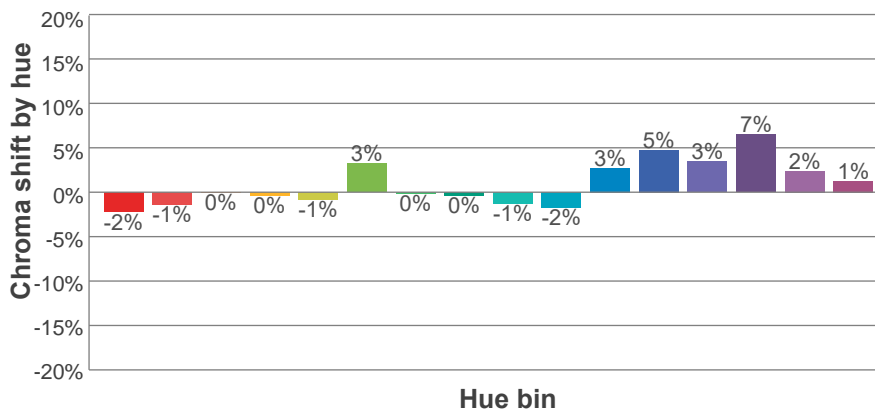
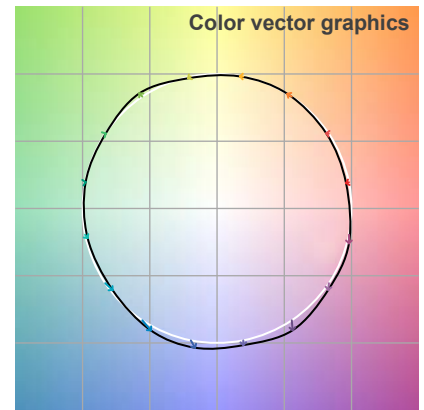
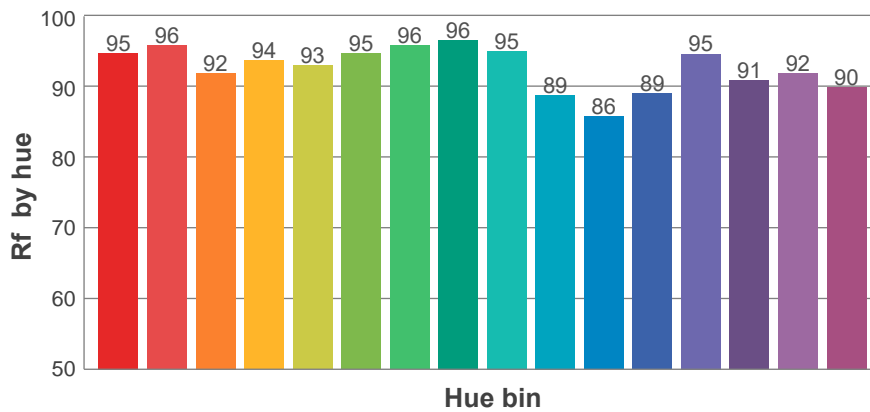
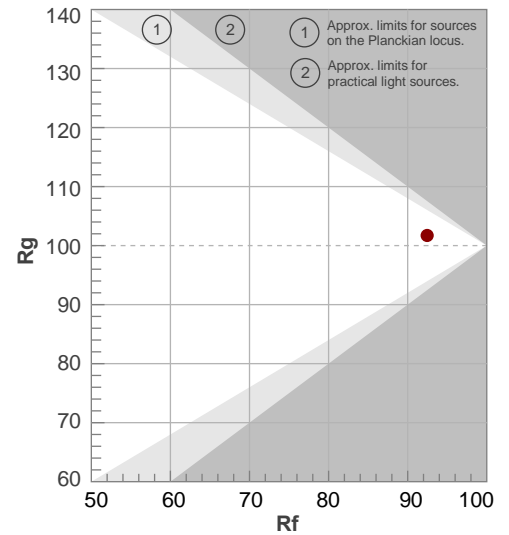
Rf 92.5

Fidelity index Rf

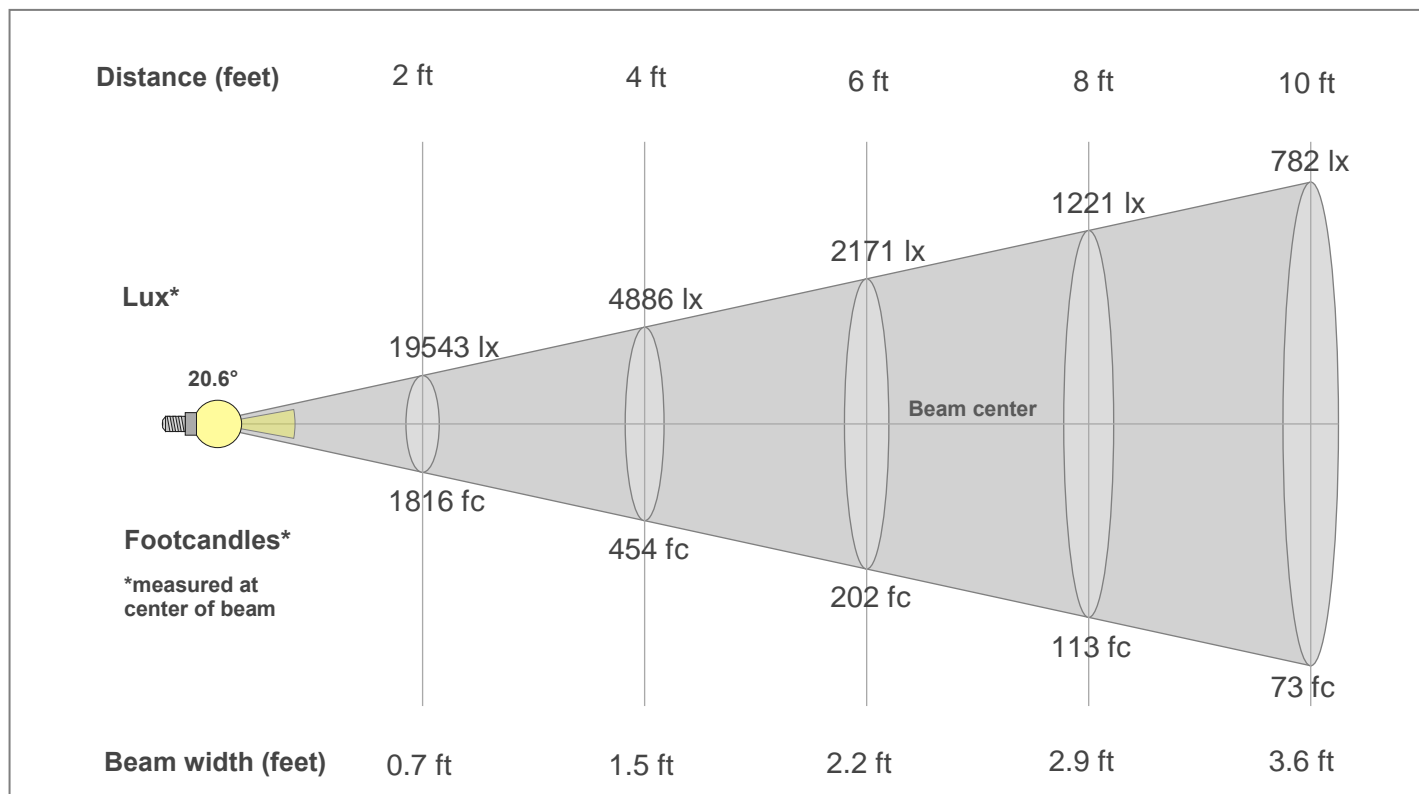
Rg 101.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	96	-1%	1%
3	92	0%	4%
4	94	0%	2%
5	93	-1%	2%
6	95	3%	1%
7	96	0%	0%
8	96	0%	0%
9	95	-1%	3%
10	89	-2%	7%
11	86	3%	9%
12	89	5%	4%
13	95	3%	-1%
14	91	7%	-4%
15	92	2%	-4%
16	90	1%	-6%



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
7263lx	1816lx	807lx	454lx	291lx	202lx	148lx	113lx	90lx	73lx	60lx	50lx	43lx	37lx	32lx	28lx	25lx	22lx	20lx	18lx
674.7fc	168.7fc	75fc	42.2fc	27fc	18.7fc	13.8fc	10.5fc	8.3fc	6.7fc	5.6fc	4.7fc	4fc	3.4fc	3fc	2.6fc	2.3fc	2.1fc	1.9fc	1.7fc

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°
7263	7213	7073	6860	6585	6248	5847	5398	4908	4385	3850	3318	2803	2322	1880	1488	1157	886	668	501
100%	99%	97%	94%	91%	86%	81%	74%	68%	60%	53%	46%	39%	32%	26%	20%	16%	12%	9%	7%

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°
7263	7233	7090	6875	6602	6269	5866	5401	4880	4323	3761	3210	2680	2177	1722	1336	1015	756	559	411
100%	100%	98%	95%	91%	86%	81%	74%	67%	60%	52%	44%	37%	30%	24%	18%	14%	10%	8%	6%

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°
7263	7213	7073	6860	6585	6248	5847	5398	4908	4385	3850	3318	2803	2322	1880	1488	1157	886	668	501
100%	99%	97%	94%	91%	86%	81%	74%	68%	60%	53%	46%	39%	32%	26%	20%	16%	12%	9%	7%

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°
7263	7233	7090	6875	6602	6269	5866	5401	4880	4323	3761	3210	2680	2177	1722	1336	1015	756	559	411
100%	100%	98%	95%	91%	86%	81%	74%	67%	60%	52%	44%	37%	30%	24%	18%	14%	10%	8%	6%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20.6°	34.8°	44.6°	99.5%	99.3%