

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-TW-15T-2700K-DAL2-8.5-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

1/22/2025



Light efficiency:

57 Lumen/Watt

Light quality:

CRI: 95.7

Color temperature:

2665 K

CIE 1931:

**x: 0.457
y: 0.400**

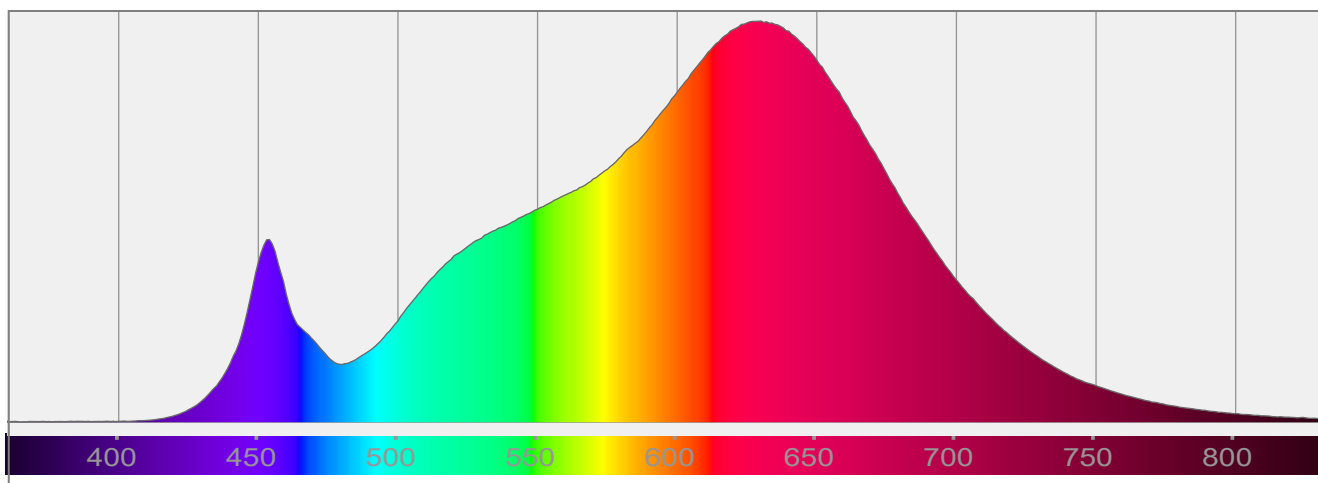
Output: 890 lm

Peak: 6255 cd

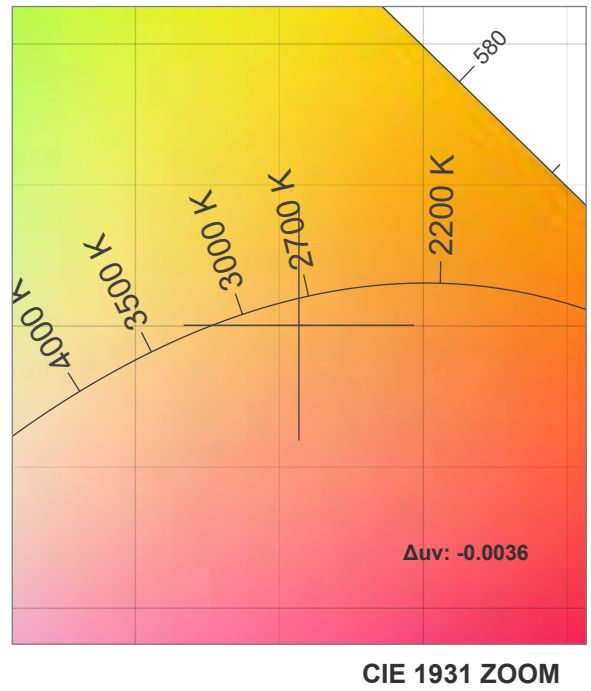
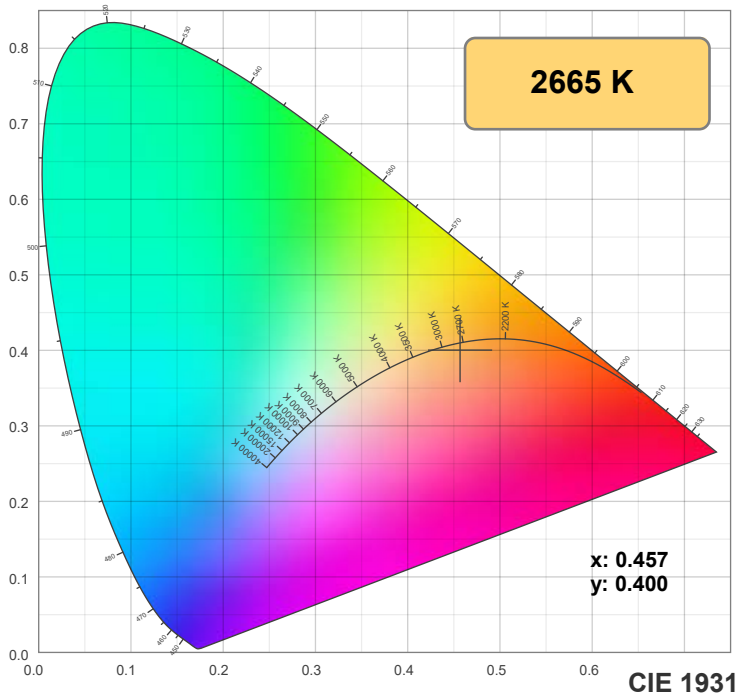
Power: 15.6 W

PF: 1.0

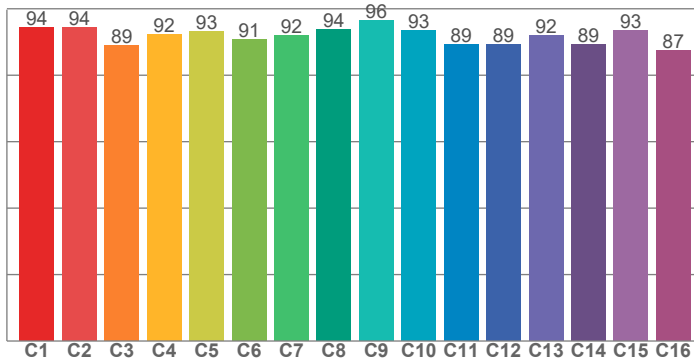
Spectra:



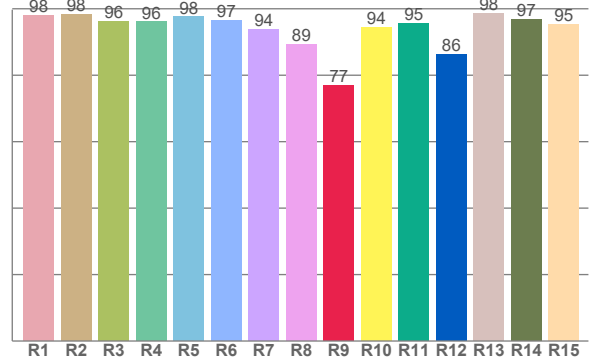
Color Details



TM-30: 92.0



CRI: 95.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	98.3	96.2	96.0	97.5	96.6	93.8	89.3	77.0	94.4	95.5	86.3	98.5	96.7	95.3

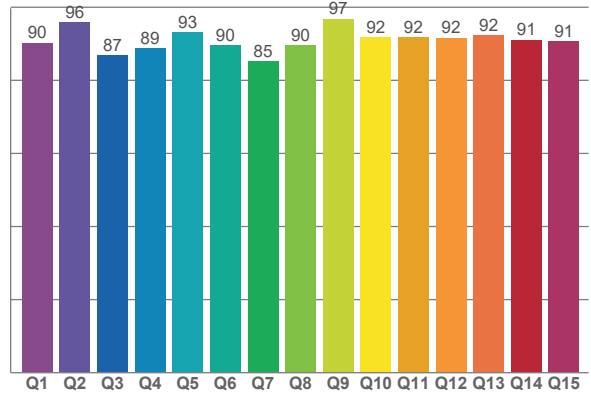
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.3	94.4	89.0	92.1	93.0	90.8	92.0	93.8	96.5	93.3	89.3	89.2	92.0	89.3	93.4	87.4

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
90.3	95.9	86.8	88.9	93.1	89.6	85.2	89.5	96.8	91.8	91.7	91.6	92.2	91.1	90.7

CQS: 90.4



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2665 K	95.7	77.0	92.0	103.6	90.4	0.457	0.400	0.265	0.349	-0.0036

TM-30 Details

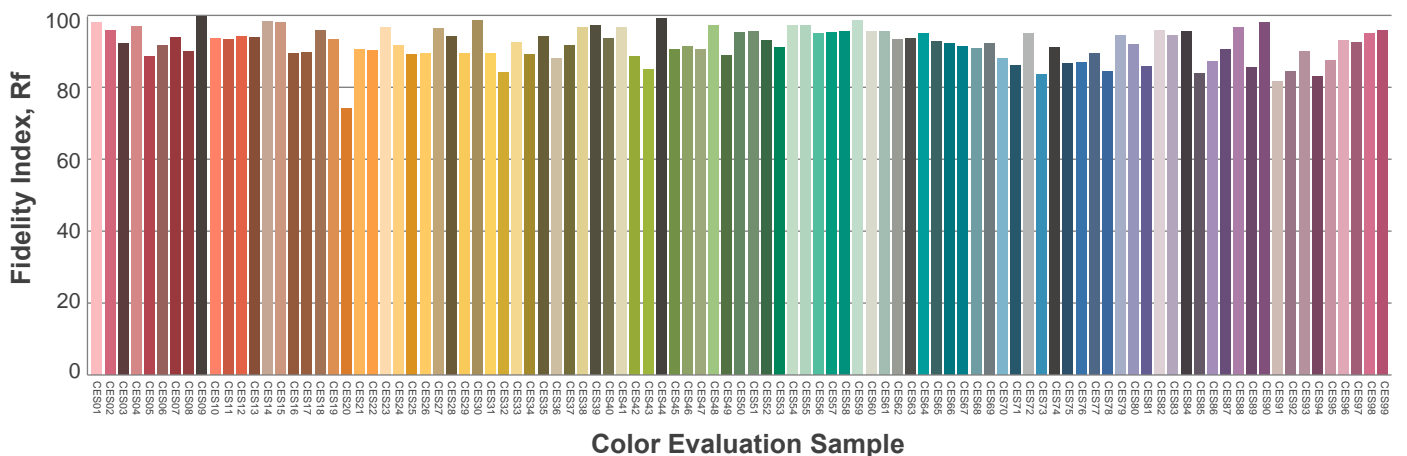
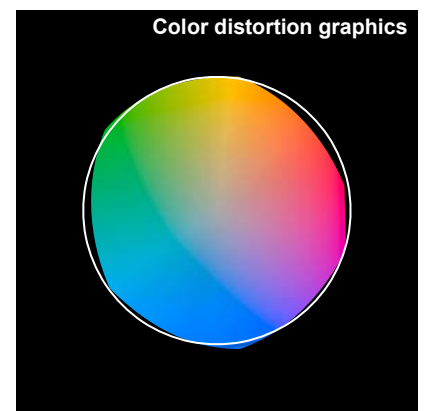
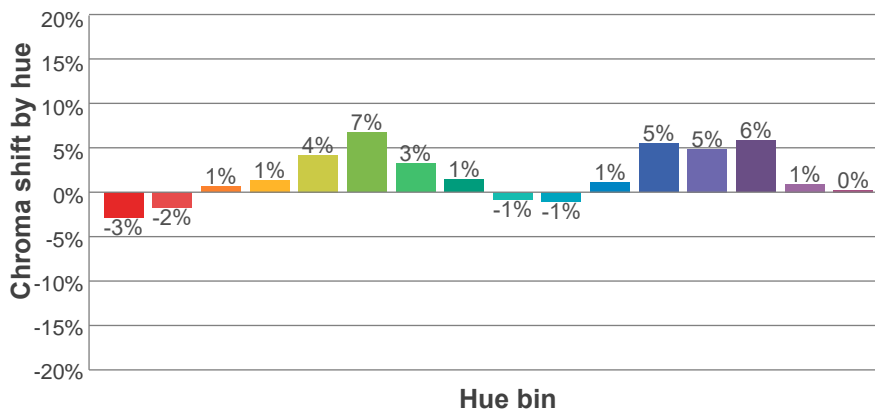
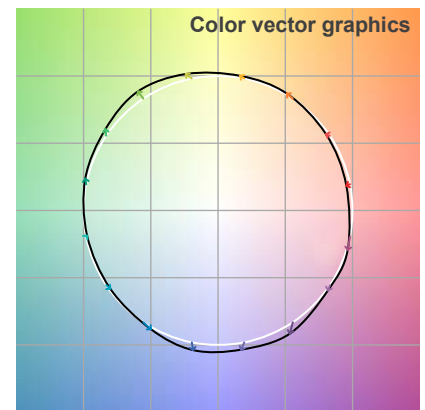
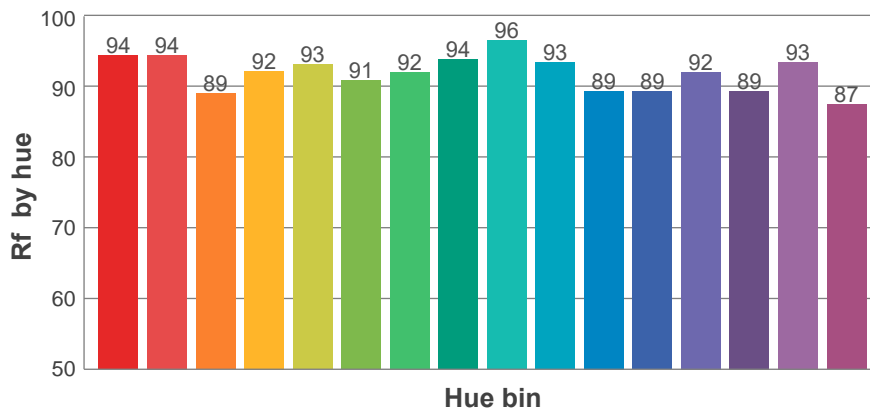
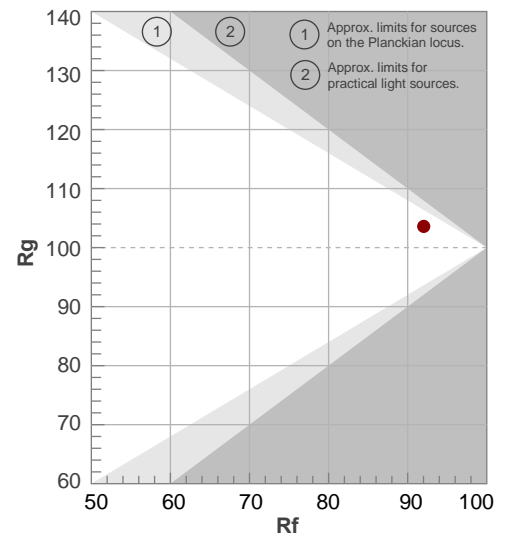
Rf 92.0

Fidelity index Rf

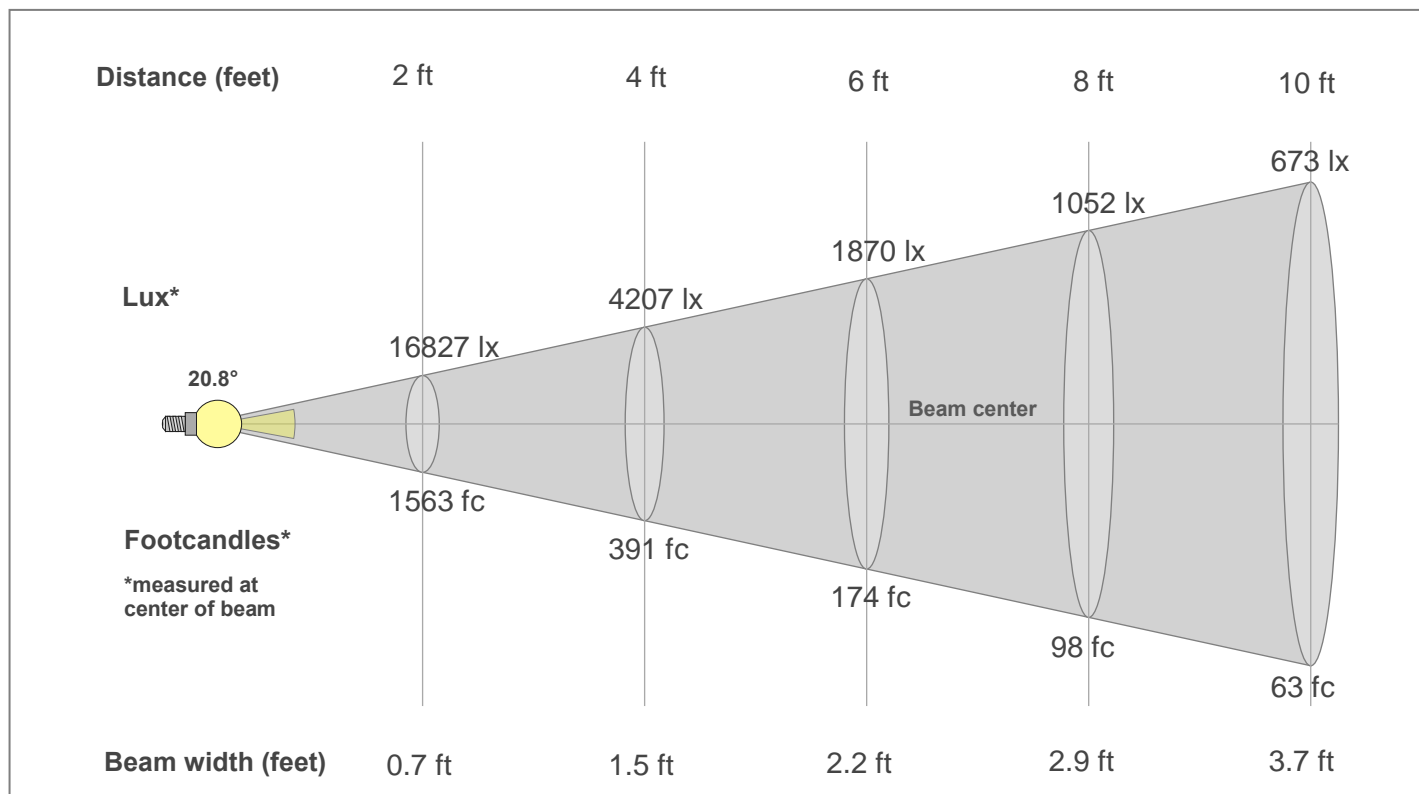
Rg 103.6

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	94	-2%	3%
3	89	1%	6%
4	92	1%	3%
5	93	4%	4%
6	91	7%	0%
7	92	3%	-4%
8	94	1%	-4%
9	96	-1%	-1%
10	93	-1%	4%
11	89	1%	8%
12	89	5%	2%
13	92	5%	-3%
14	89	6%	-6%
15	93	1%	-4%
16	87	0%	-10%



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
6253lx	1563lx	695lx	391lx	250lx	174lx	128lx	98lx	77lx	63lx	52lx	43lx	37lx	32lx	28lx	24lx	22lx	19lx	17lx	16lx
580.9fc	145.2fc	64.5fc	36.3fc	23.2fc	16.1fc	11.9fc	9.1fc	7.2fc	5.8fc	4.8fc	4fc	3.4fc	3fc	2.6fc	2.3fc	2fc	1.8fc	1.6fc	1.5fc

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°
6253	6214	6109	5945	5724	5442	5101	4715	4287	3828	3357	2887	2435	2013	1629	1291	1007	774	585	440
100%	99%	98%	95%	92%	87%	82%	75%	69%	61%	54%	46%	39%	32%	26%	21%	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°
6253	6218	6109	5944	5729	5458	5122	4724	4273	3788	3295	2813	2348	1908	1509	1172	893	667	495	366
100%	99%	98%	95%	92%	87%	82%	76%	68%	61%	53%	45%	38%	31%	24%	19%	14%	11%	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°
6253	6214	6109	5945	5724	5442	5101	4715	4287	3828	3357	2887	2435	2013	1629	1291	1007	774	585	440
100%	99%	98%	95%	92%	87%	82%	75%	69%	61%	54%	46%	39%	32%	26%	21%	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°
6253	6218	6109	5944	5729	5458	5122	4724	4273	3788	3295	2813	2348	1908	1509	1172	893	667	495	366
100%	99%	98%	95%	92%	87%	82%	76%	68%	61%	53%	45%	38%	31%	24%	19%	14%	11%	8%	6%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20.8°	35°	44.9°	99.0%	98.7%