

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-TW-25-2700K-DAL2-8.5-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

2/3/2025



Light efficiency:

44 Lumen/Watt

Light quality:

CRI: 96.1

Color temperature:

2707 K

CIE 1931:

**x: 0.452
y: 0.398**

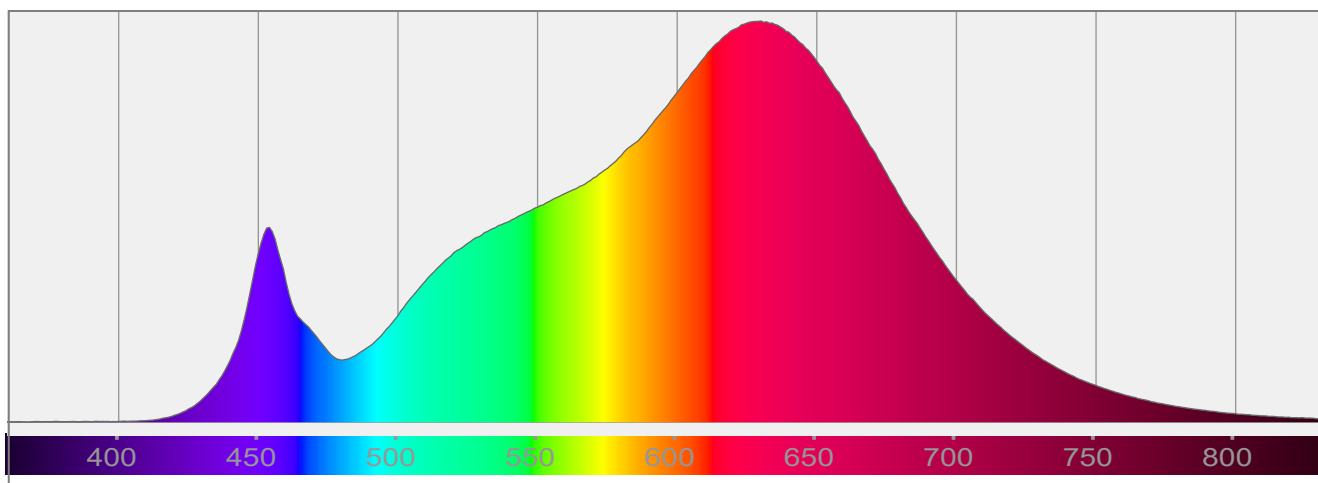
Output: 685 lm

Peak: 2435 cd

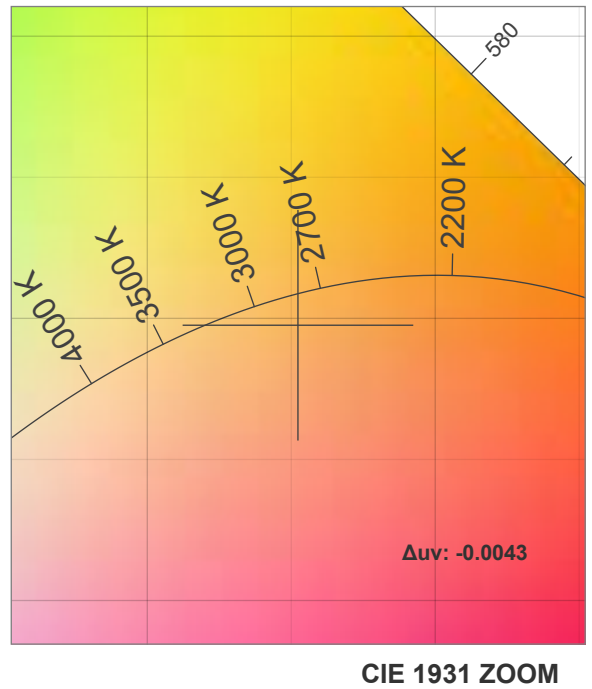
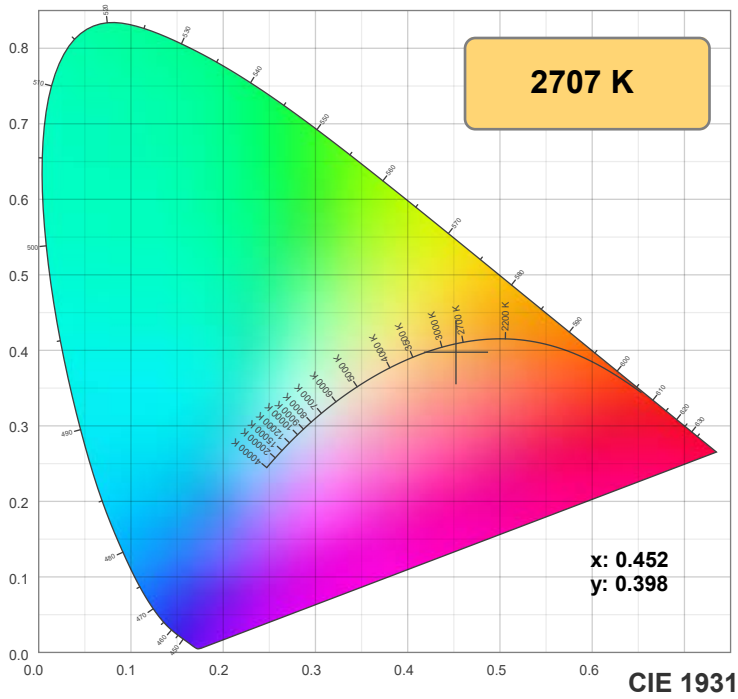
Power: 15.6 W

PF: 1.0

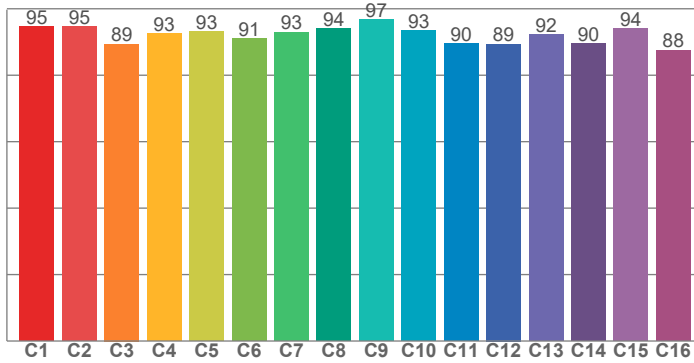
Spectra:



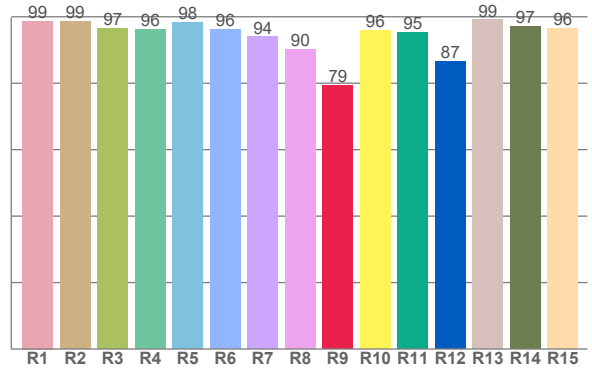
Color Details



TM-30: 92.3



CRI: 96.1 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	98.6	96.6	96.3	98.4	96.3	93.9	90.2	79.3	95.8	95.3	86.7	99.1	97.0	96.4

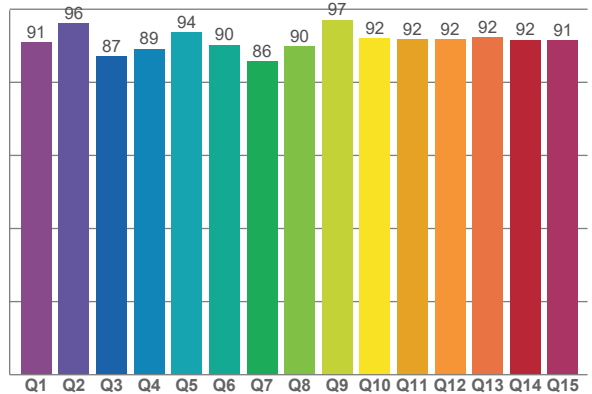
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.7	94.7	89.4	92.6	93.0	90.9	93.0	94.0	96.7	93.5	89.6	89.4	92.2	89.5	94.0	87.6

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.1	96.2	87.1	89.2	93.8	90.3	85.7	89.9	97.1	92.1	91.9	91.8	92.4	91.6	91.5

CQS: 90.8



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2707 K	96.1	79.3	92.3	103.7	90.8	0.452	0.398	0.264	0.347	-0.0043

TM-30 Details

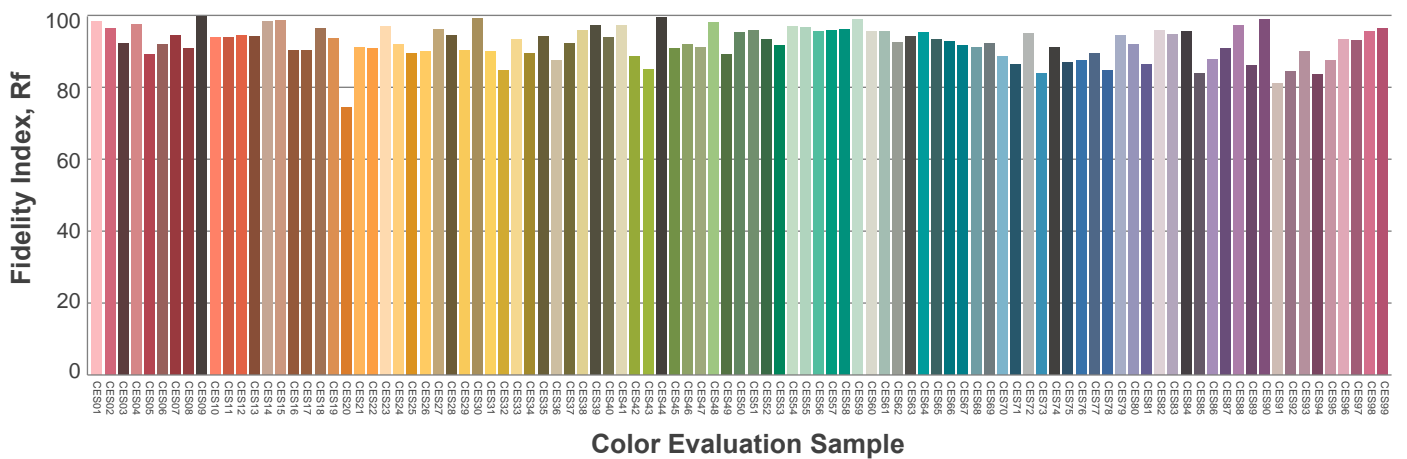
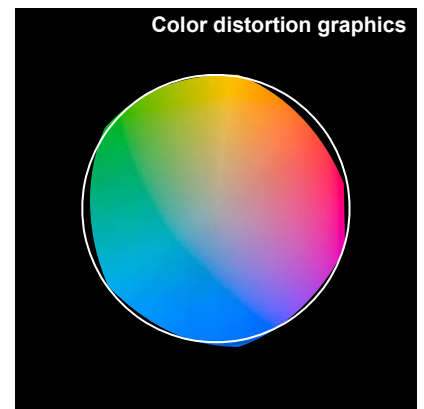
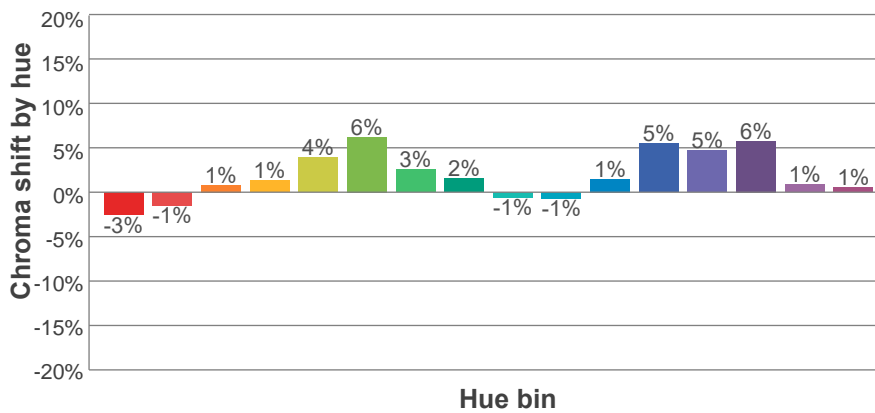
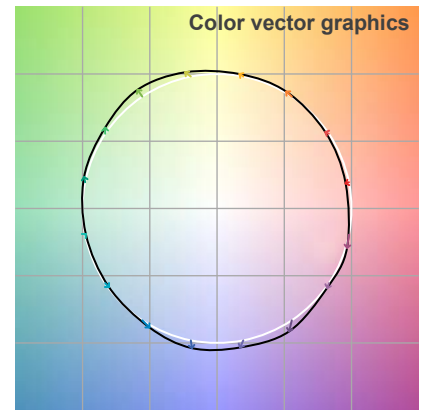
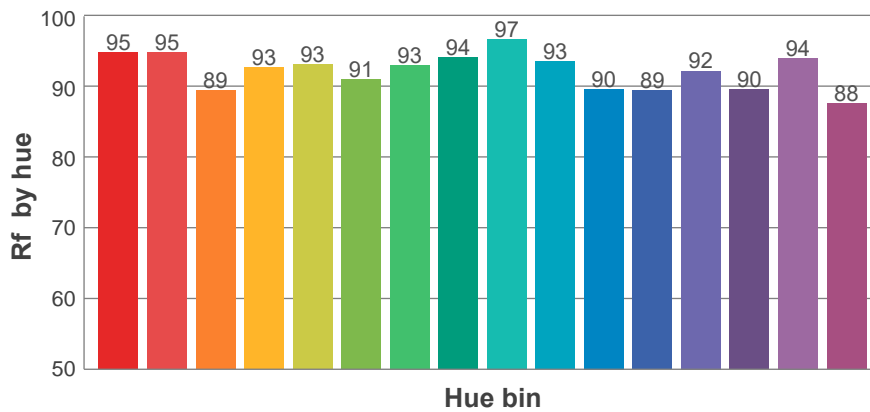
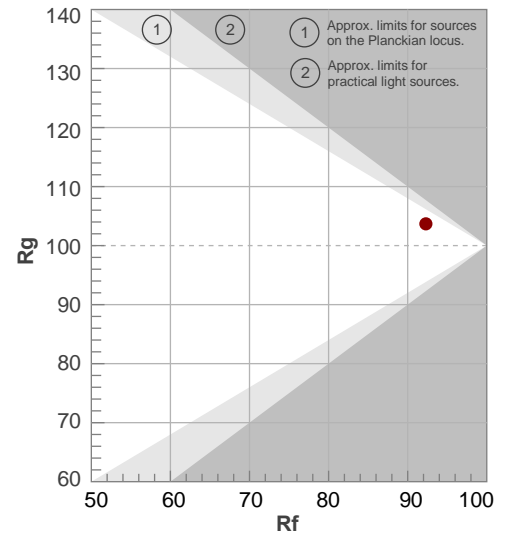
Rf 92.3

Fidelity index Rf

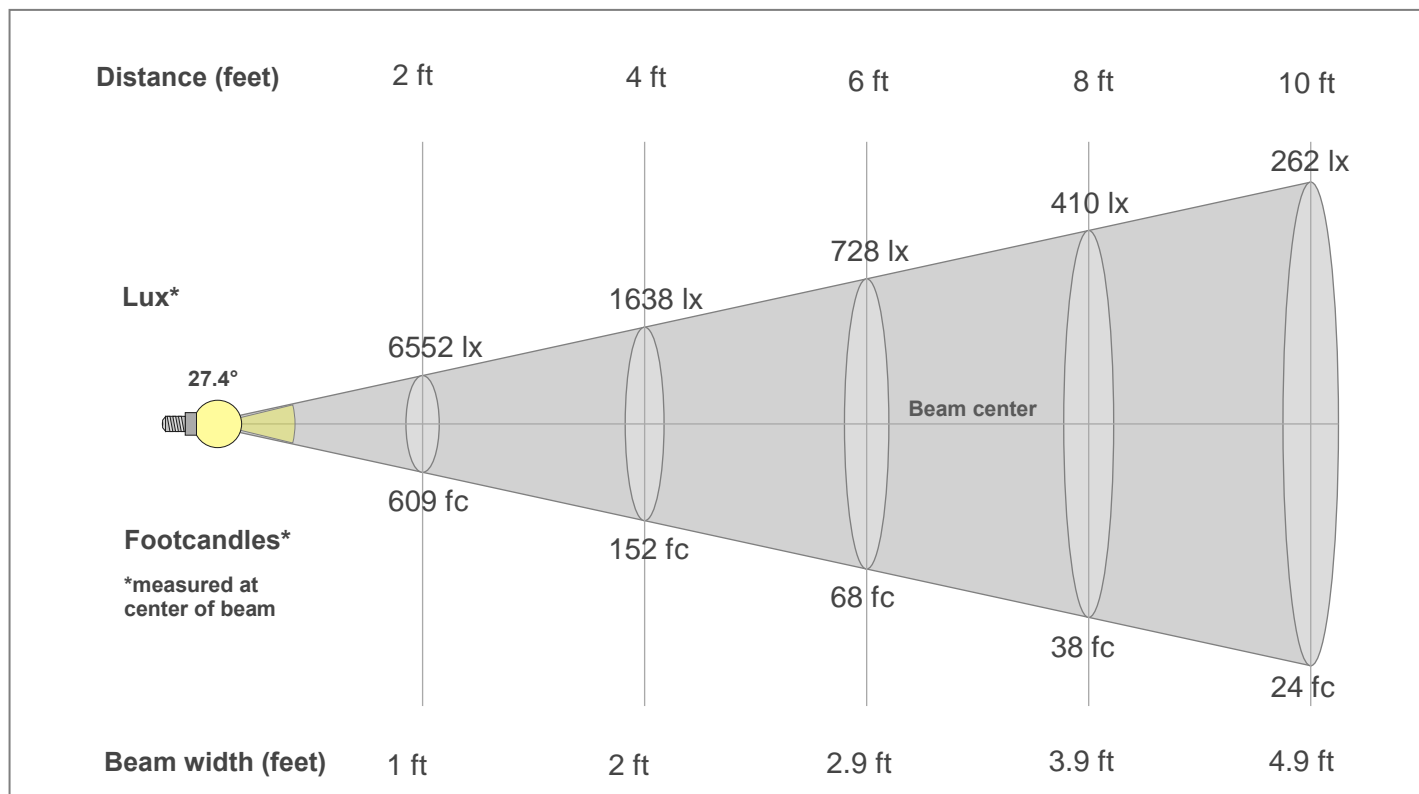
Rg 103.7

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-3%	0%
2	95	-1%	2%
3	89	1%	5%
4	93	1%	3%
5	93	4%	3%
6	91	6%	0%
7	93	3%	-4%
8	94	2%	-4%
9	97	-1%	0%
10	93	-1%	4%
11	90	1%	7%
12	89	5%	2%
13	92	5%	-3%
14	90	6%	-6%
15	94	1%	-4%
16	88	1%	-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
2435lx	609lx	271lx	152lx	97lx	68lx	50lx	38lx	30lx	24lx	20lx	17lx	14lx	12lx	11lx	10lx	8lx	8lx	7lx	6lx
226.2fc	56.6fc	25.1fc	14.1fc	9fc	6.3fc	4.6fc	3.5fc	2.8fc	2.3fc	1.9fc	1.6fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.6fc

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°
2435	2398	2290	2120	1910	1673	1424	1178	950	747	577	441	338	260	200	152	112	79	55	36
100%	98%	94%	87%	78%	69%	58%	48%	39%	31%	24%	18%	14%	11%	8%	6%	5%	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°
2435	2397	2288	2122	1914	1679	1431	1185	957	754	584	448	343	264	203	155	114	80	55	37
100%	98%	94%	87%	79%	69%	59%	49%	39%	31%	24%	18%	14%	11%	8%	6%	5%	3%	2%	2%

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°
2435	2398	2290	2120	1910	1673	1424	1178	950	747	577	441	338	260	200	152	112	79	55	36
100%	98%	94%	87%	78%	69%	58%	48%	39%	31%	24%	18%	14%	11%	8%	6%	5%	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°
2435	2397	2288	2122	1914	1679	1431	1185	957	754	584	448	343	264	203	155	114	80	55	37
100%	98%	94%	87%	79%	69%	59%	49%	39%	31%	24%	18%	14%	11%	8%	6%	5%	3%	2%	2%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.4°	53.1°	70.9°	99.5%	98.8%