

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-TW-25-3500K-DAL2-8.5-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

2/3/2025



Light efficiency:

51 Lumen/Watt

Light quality:

CRI: 96.7

Color temperature:

3522 K

CIE 1931:

**x: 0.401
y: 0.381**

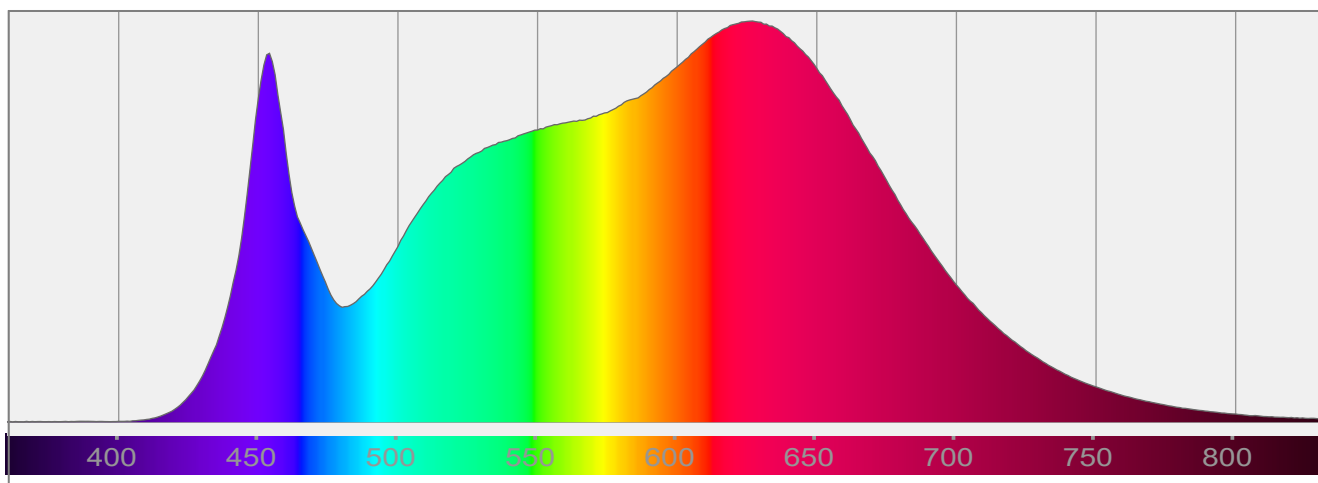
Output: 788 lm

Peak: 2823 cd

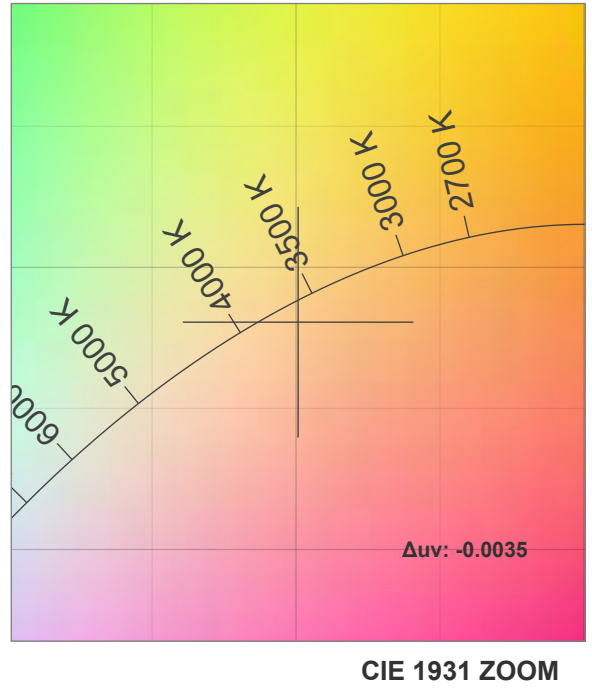
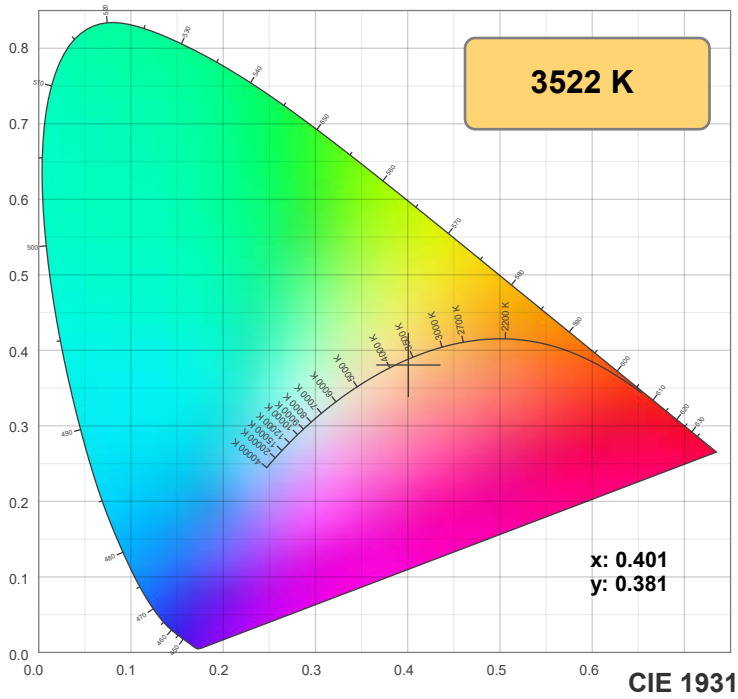
Power: 15.5 W

PF: 0.99

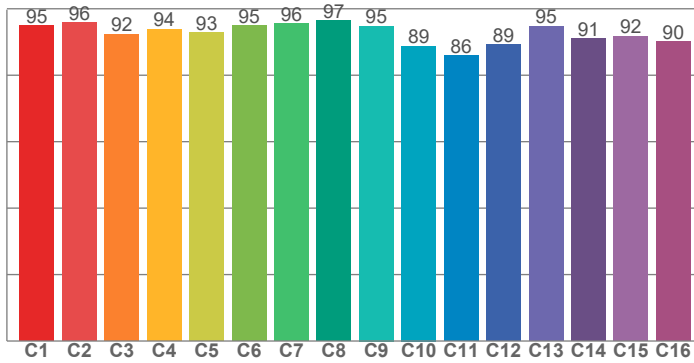
Spectra:



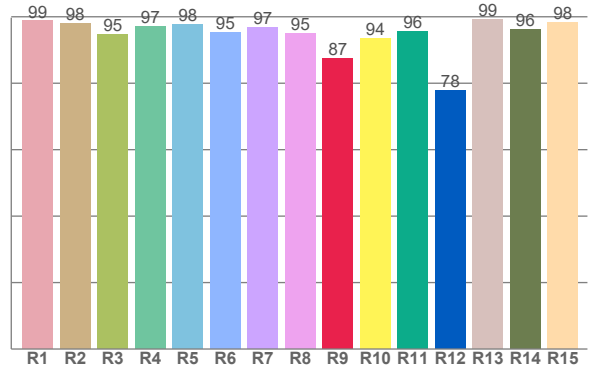
Color Details



TM-30: 92.6



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	98.1	94.7	97.1	97.7	95.2	96.8	95.0	87.5	93.6	95.6	77.8	99.2	96.1	98.3

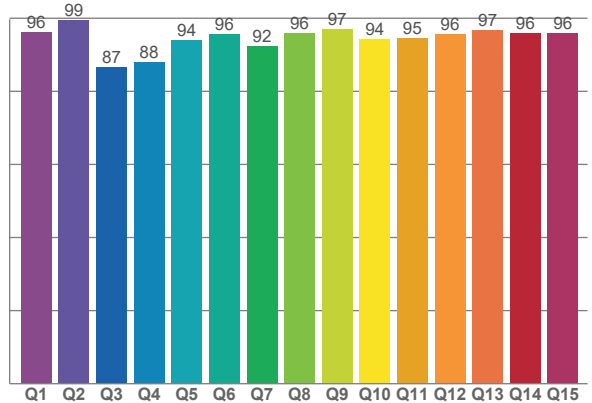
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.9	96.0	92.4	93.9	93.0	94.9	95.7	96.5	94.8	88.8	85.9	89.2	94.8	91.0	91.8	90.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.2	99.3	86.6	88.0	94.0	95.5	92.4	96.0	97.0	94.3	94.6	95.6	96.8	95.8	96.0

CQS: 93.7



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3522 K	96.7	87.5	92.6	101.8	93.7	0.401	0.381	0.237	0.338	-0.0035

TM-30 Details

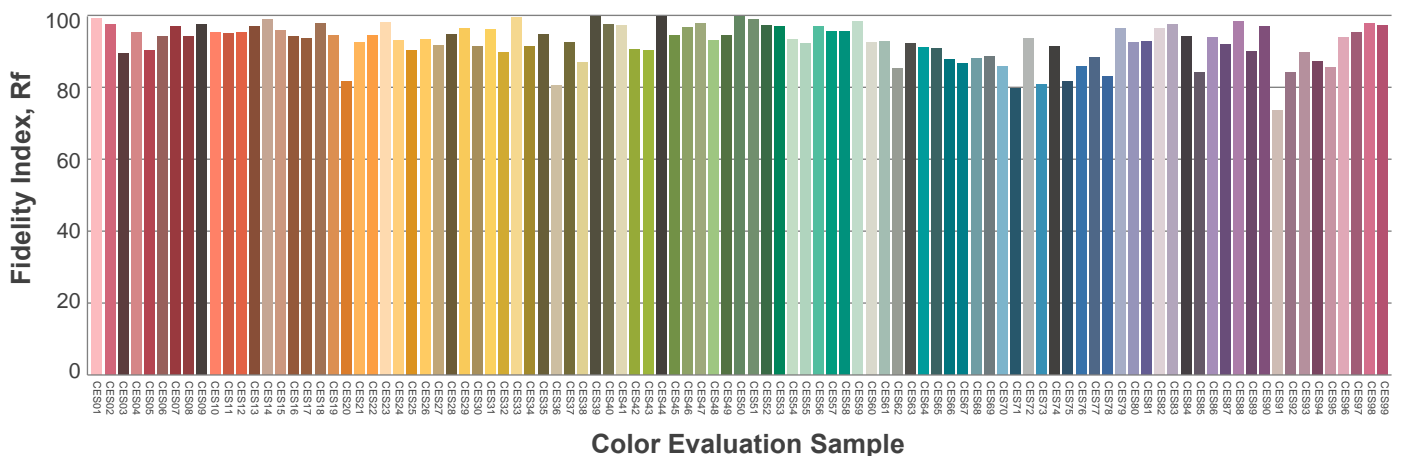
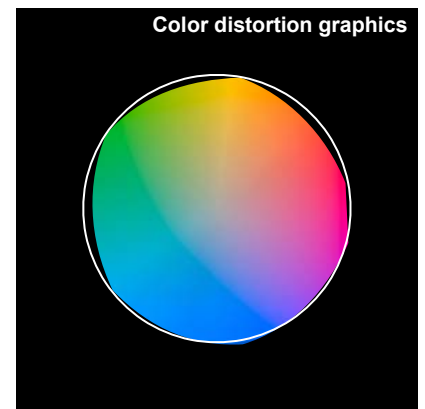
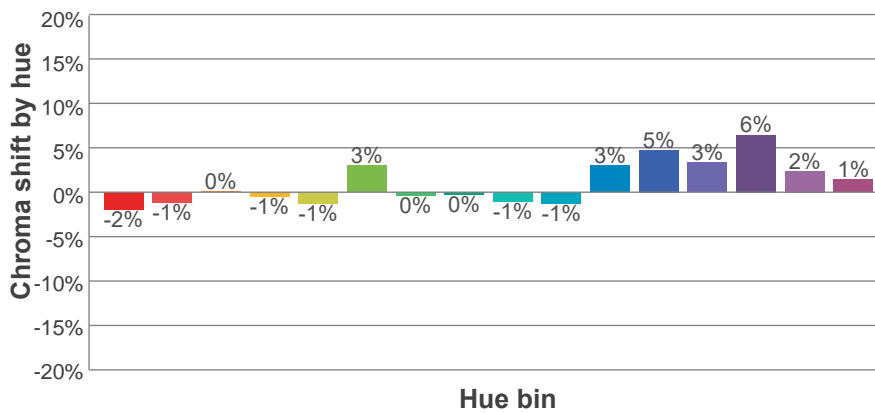
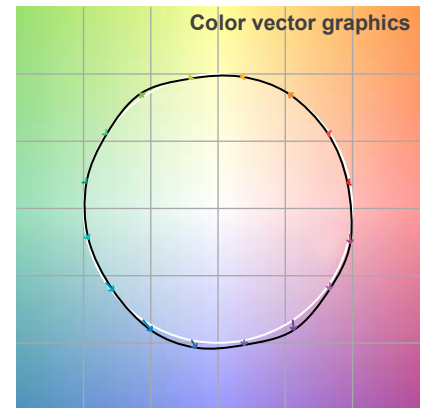
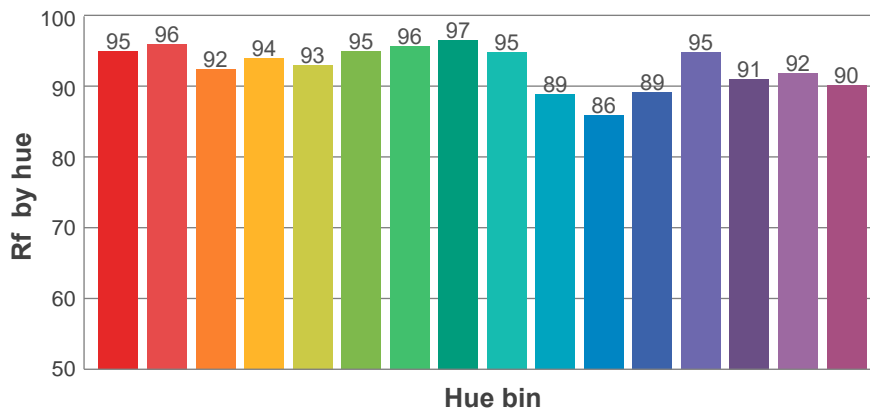
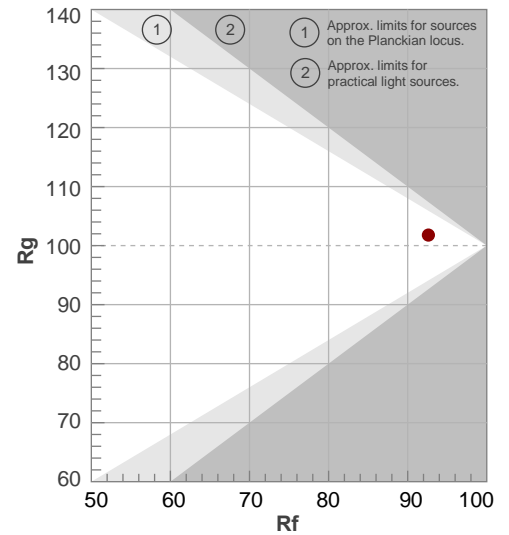
Rf 92.6

Fidelity index Rf

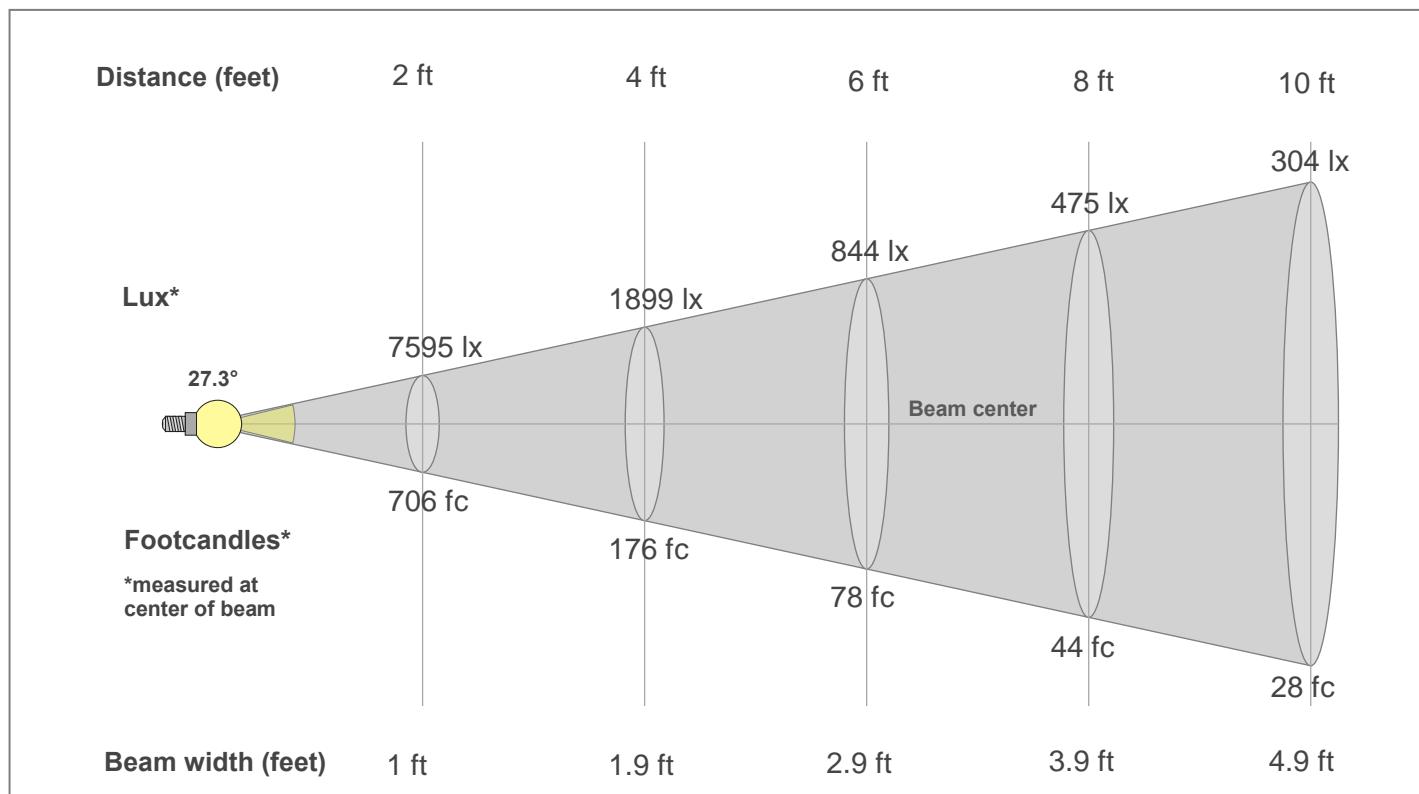
Rg 101.8

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	96	-1%	1%
3	92	0%	4%
4	94	-1%	2%
5	93	-1%	2%
6	95	3%	1%
7	96	0%	0%
8	97	0%	0%
9	95	-1%	3%
10	89	-1%	7%
11	86	3%	9%
12	89	5%	4%
13	95	3%	-1%
14	91	6%	-3%
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
2823lx	706lx	314lx	176lx	113lx	78lx	58lx	44lx	35lx	28lx	23lx	20lx	17lx	14lx	13lx	11lx	10lx	9lx	8lx	7lx
262.2fc	65.6fc	29.1fc	16.4fc	10.5fc	7.3fc	5.4fc	4.1fc	3.2fc	2.6fc	2.2fc	1.8fc	1.6fc	1.3fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.7fc

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°
2823	2778	2651	2452	2208	1934	1645	1359	1094	859	664	506	388	297	228	173	127	91	62	41
100%	98%	94%	87%	78%	69%	58%	48%	39%	30%	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°
2823	2779	2654	2460	2218	1943	1654	1368	1103	868	672	514	392	300	231	176	128	90	62	41
100%	98%	94%	87%	79%	69%	59%	48%	39%	31%	24%	18%	14%	11%	8%	6%	5%	3%	2%	1%

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°
2823	2778	2651	2452	2208	1934	1645	1359	1094	859	664	506	388	297	228	173	127	91	62	41
100%	98%	94%	87%	78%	69%	58%	48%	39%	30%	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°
2823	2779	2654	2460	2218	1943	1654	1368	1103	868	672	514	392	300	231	176	128	90	62	41
100%	98%	94%	87%	79%	69%	59%	48%	39%	31%	24%	18%	14%	11%	8%	6%	5%	3%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
27.3°	52.8°	70.7°	99.5%	98.9%