

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-TW-15T-3000K-DAL2-8.5-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

1/20/2025



Light efficiency:

61 Lumen/Watt

Light quality:

CRI: 96.4

Color temperature:

2962 K

CIE 1931:

**x: 0.434
y: 0.393**

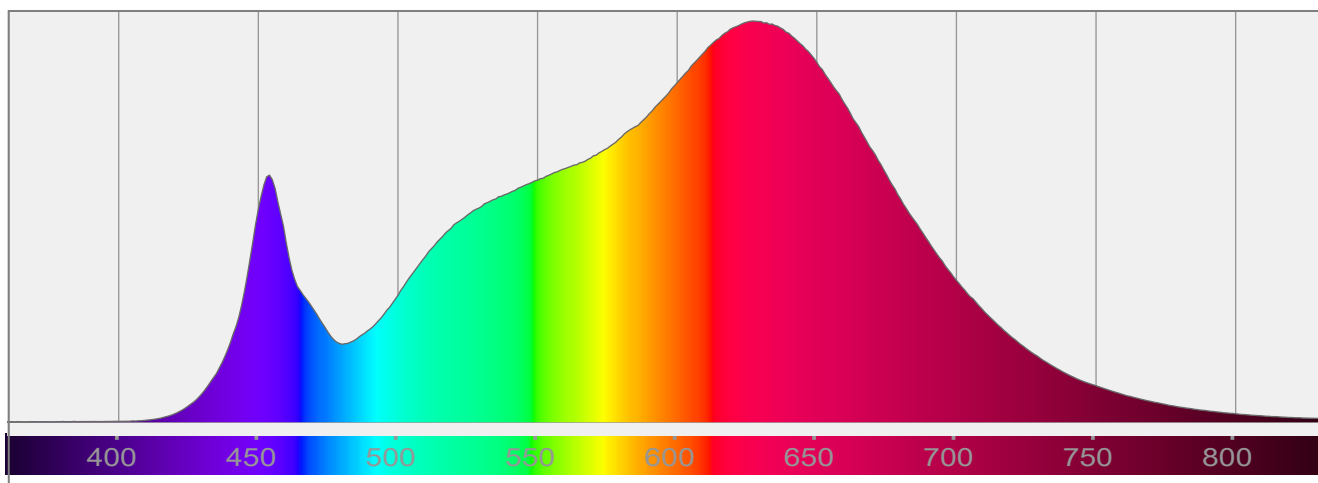
Output: 941 lm

Peak: 6539 cd

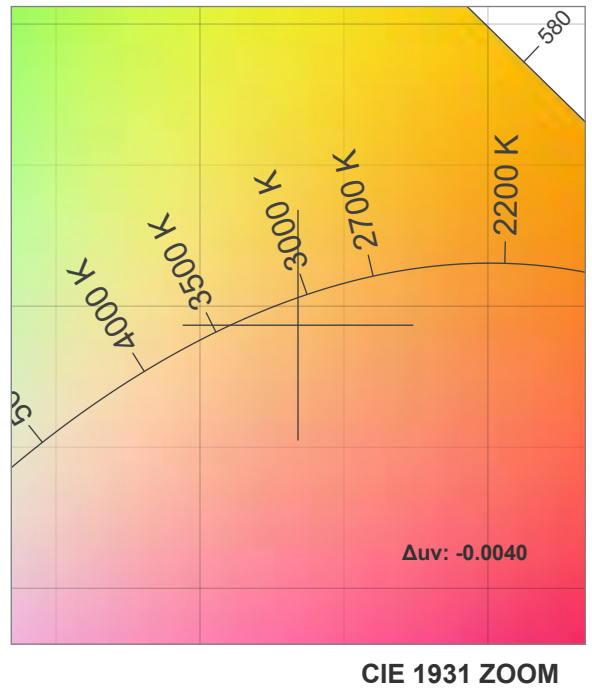
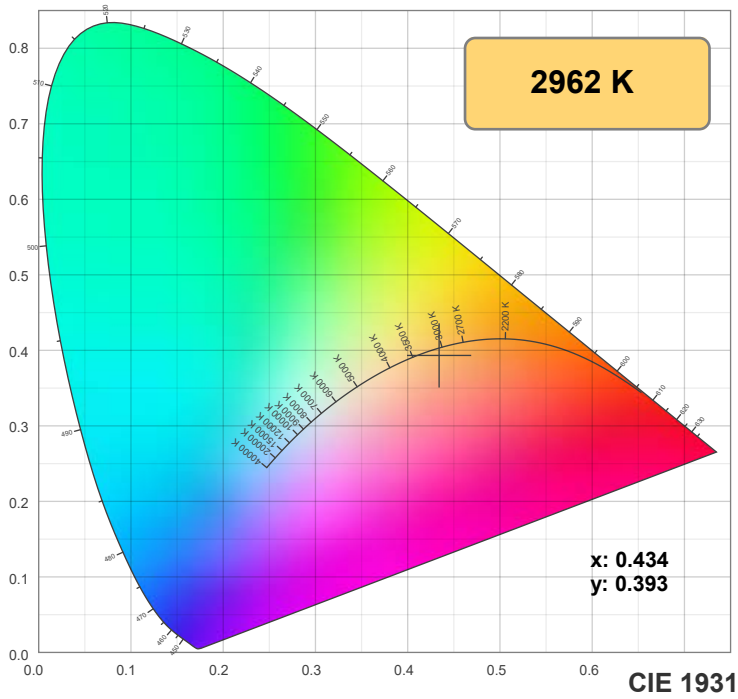
Power: 15.5 W

PF: 0.99

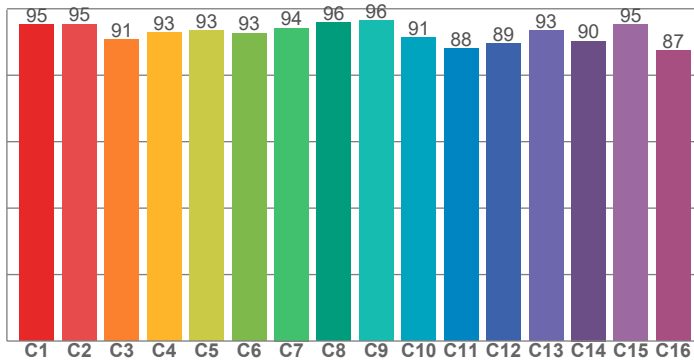
Spectra:



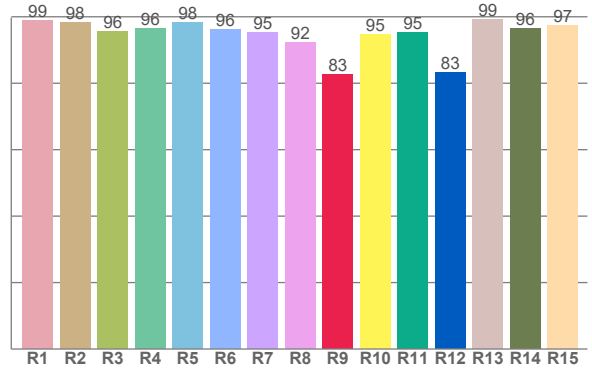
Color Details



TM-30: 92.6



CRI: 96.4 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.8	98.4	95.7	96.5	98.2	96.2	95.2	92.2	82.6	94.7	95.4	83.2	99.1	96.5	97.3

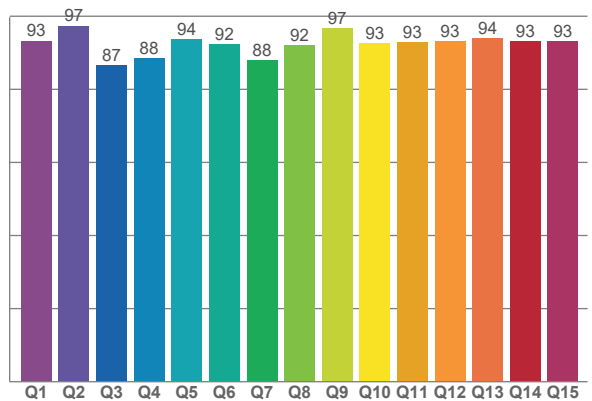
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.2	95.4	90.7	93.0	93.4	92.7	94.2	95.9	96.4	91.4	88.1	89.4	93.4	90.3	95.1	87.5

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.3	97.4	86.5	88.5	93.8	92.2	88.1	92.2	96.7	92.6	92.8	93.2	94.0	93.1	93.1

CQS: 91.9



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2962 K	96.4	82.6	92.6	102.9	91.9	0.434	0.393	0.253	0.344	-0.0040

TM-30 Details

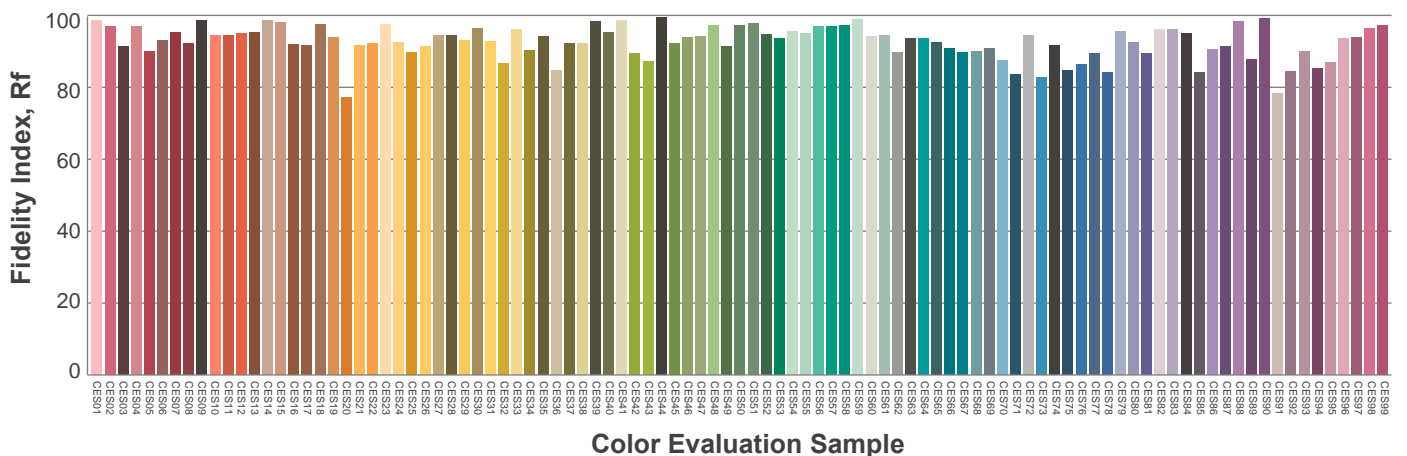
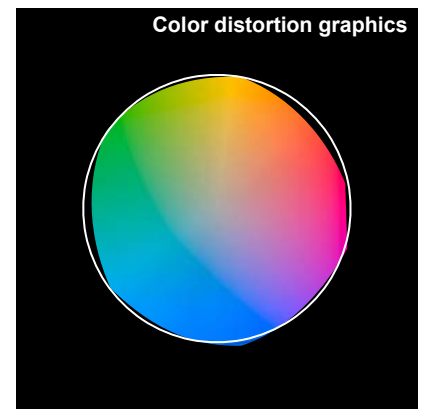
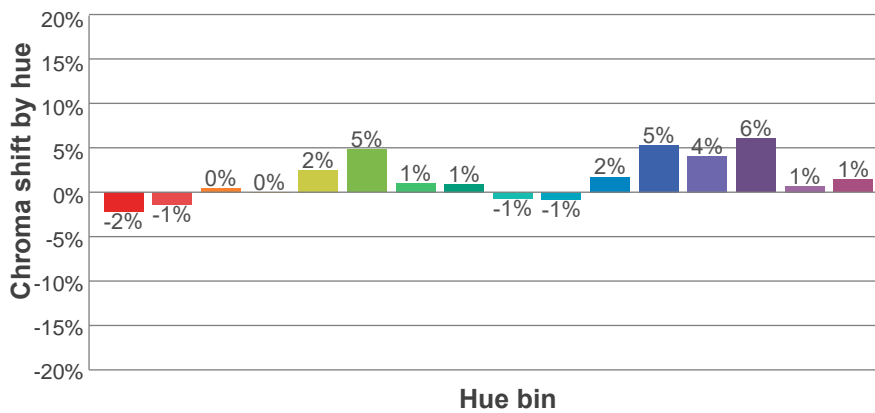
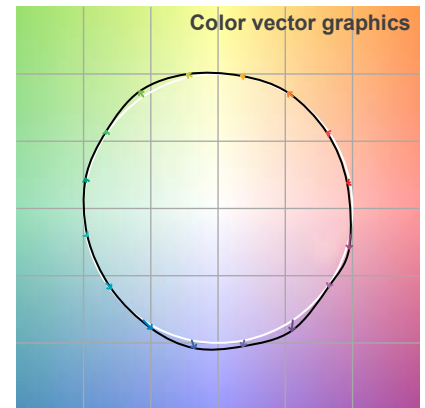
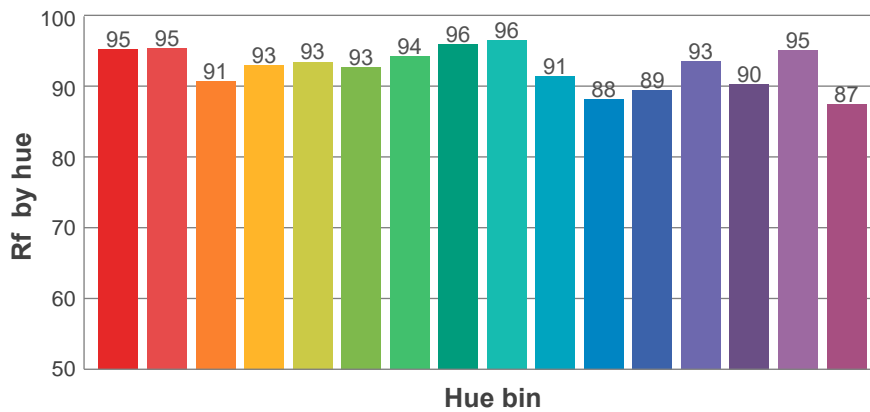
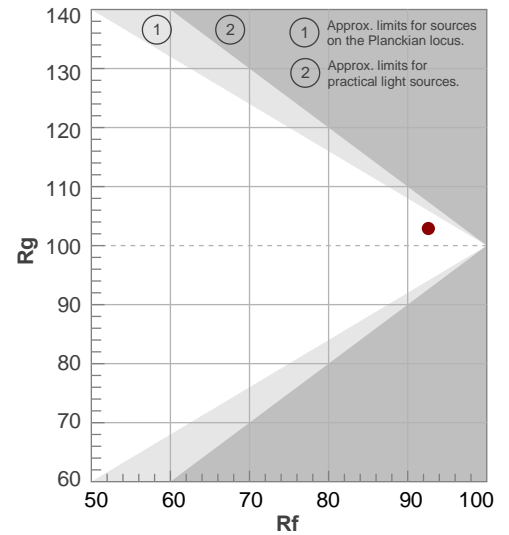
Rf 92.6

Fidelity index Rf

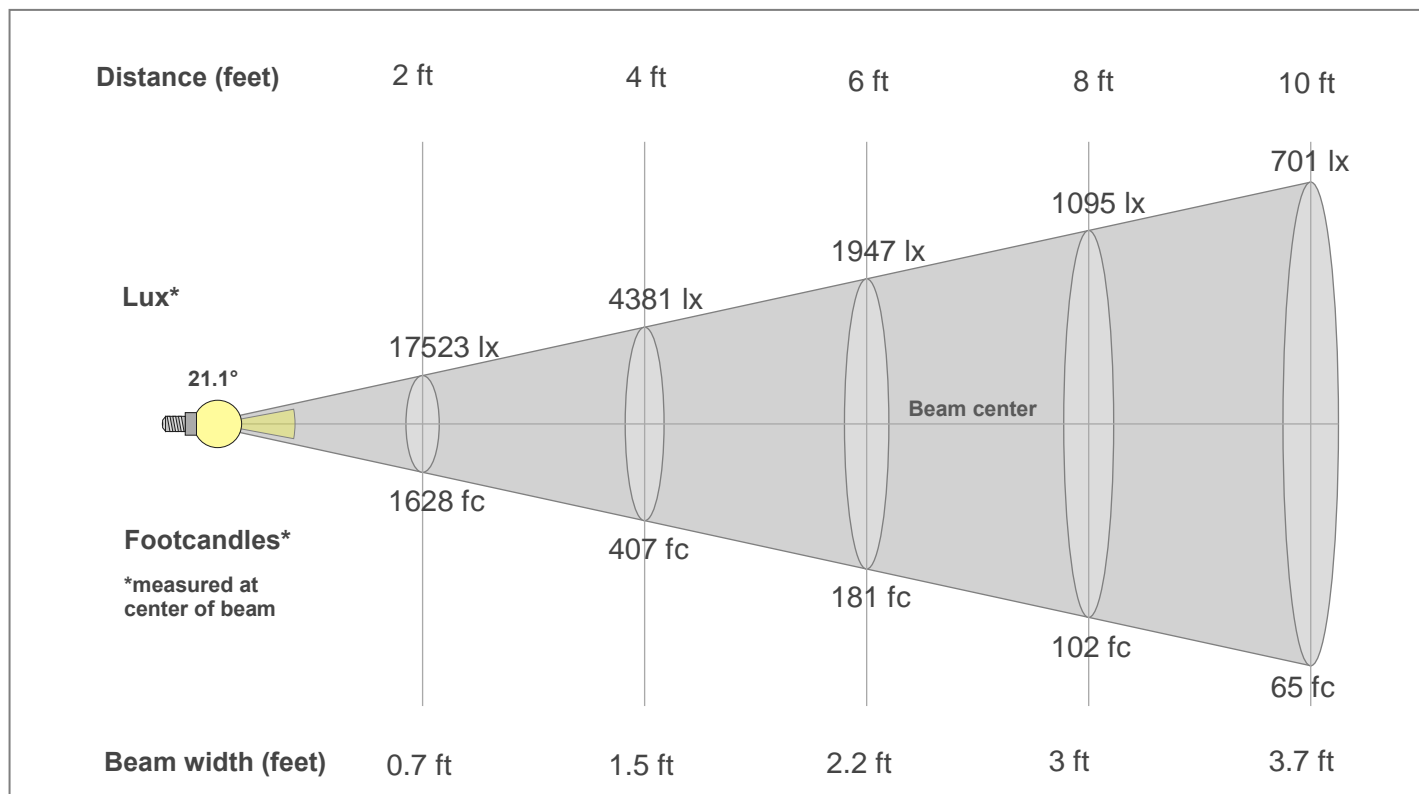
Rg 102.9

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	95	-1%	2%
3	91	0%	5%
4	93	0%	2%
5	93	2%	3%
6	93	5%	0%
7	94	1%	-2%
8	96	1%	-3%
9	96	-1%	1%
10	91	-1%	5%
11	88	2%	9%
12	89	5%	3%
13	93	4%	-2%
14	90	6%	-5%
15	95	1%	-3%
16	87	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
6512lx	1628lx	724lx	407lx	260lx	181lx	133lx	102lx	80lx	65lx	54lx	45lx	39lx	33lx	29lx	25lx	23lx	20lx	18lx	16lx
604.9fc	151.2fc	67.2fc	37.8fc	24.2fc	16.8fc	12.3fc	9.5fc	7.5fc	6fc	5fc	4.2fc	3.6fc	3.1fc	2.7fc	2.4fc	2.1fc	1.9fc	1.7fc	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°
6512	6487	6360	6177	5948	5666	5326	4930	4487	4015	3533	3056	2599	2167	1766	1409	1107	858	655	494
100%	100%	98%	95%	91%	87%	82%	76%	69%	62%	54%	47%	40%	33%	27%	22%	17%	13%	10%	8%

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°
6512	6471	6350	6173	5938	5650	5309	4918	4473	3988	3494	3010	2540	2090	1675	1313	1008	757	563	417
100%	99%	98%	95%	91%	87%	82%	76%	69%	61%	54%	46%	39%	32%	26%	20%	15%	12%	9%	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°
6512	6487	6360	6177	5948	5666	5326	4930	4487	4015	3533	3056	2599	2167	1766	1409	1107	858	655	494
100%	100%	98%	95%	91%	87%	82%	76%	69%	62%	54%	47%	40%	33%	27%	22%	17%	13%	10%	8%

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°
6512	6471	6350	6173	5938	5650	5309	4918	4473	3988	3494	3010	2540	2090	1675	1313	1008	757	563	417
100%	99%	98%	95%	91%	87%	82%	76%	69%	61%	54%	46%	39%	32%	26%	20%	15%	12%	9%	6%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
21.1°	35.5°	45.3°	99.6%	99.3%