

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-TW-40-4000K-DAL2-8.5-700-FS-P-1-WH

Trim Model:

FS-P-1-WH

Date:

2/3/2025



Light efficiency:

59 Lumen/Watt

Light quality:

CRI: 95.7

Color temperature:

3992 K

CIE 1931:

**x: 0.380
y: 0.373**

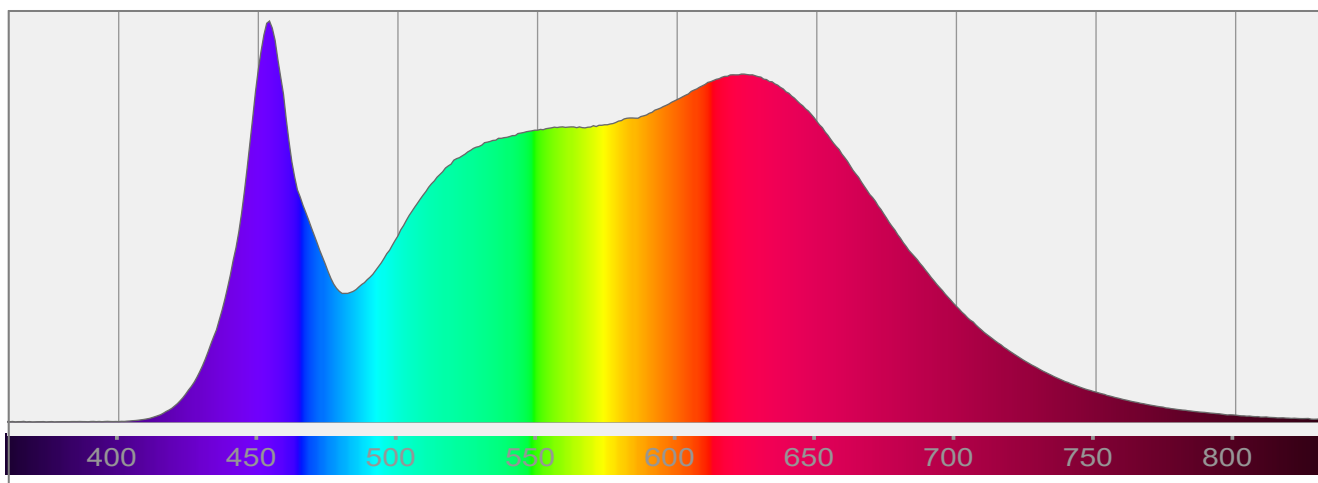
Output: 917 lm

Peak: 2102 cd

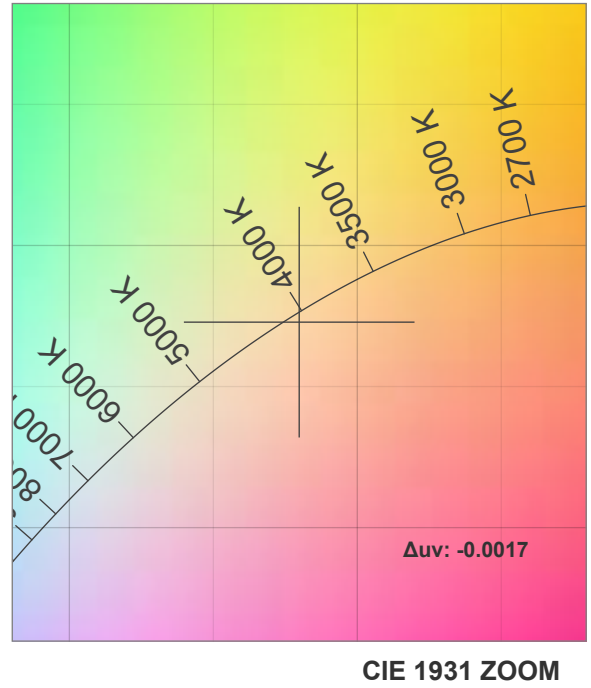
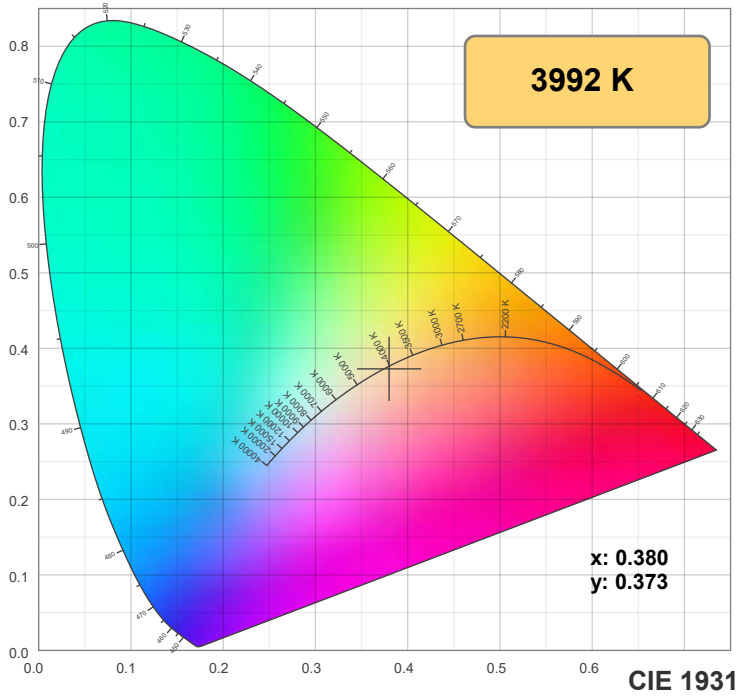
Power: 15.5 W

PF: 1.0

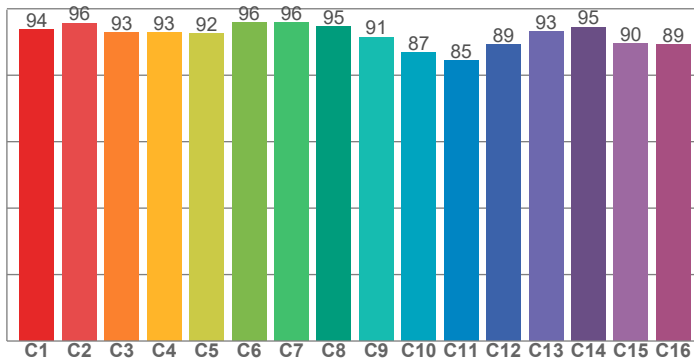
Spectra:



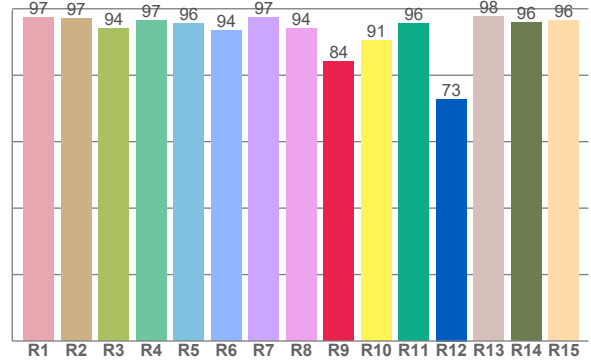
Color Details



TM-30: 91.8



CRI: 95.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.3	97.0	93.9	96.6	95.6	93.6	97.3	94.1	84.1	90.5	95.5	72.8	97.6	95.9	96.4

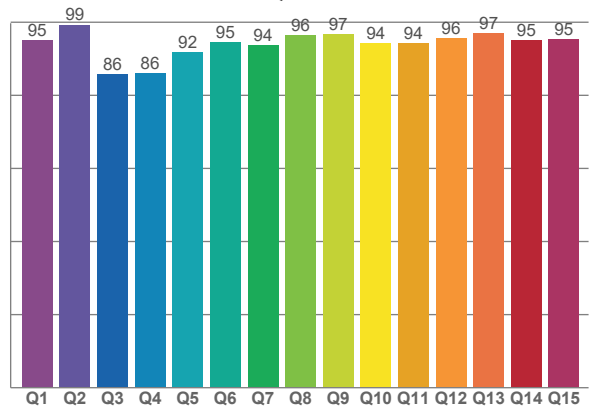
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
93.8	95.7	92.8	92.9	92.4	95.8	95.9	94.7	91.5	86.8	84.5	89.3	93.0	94.5	89.5	89.2

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
95.1	99.3	85.8	86.0	91.7	94.6	93.6	96.5	96.7	94.2	94.3	95.7	96.9	95.1	95.3

CQS: 93.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3992 K	95.7	84.1	91.8	100.4	93.0	0.380	0.373	0.226	0.333	-0.0017

TM-30 Details

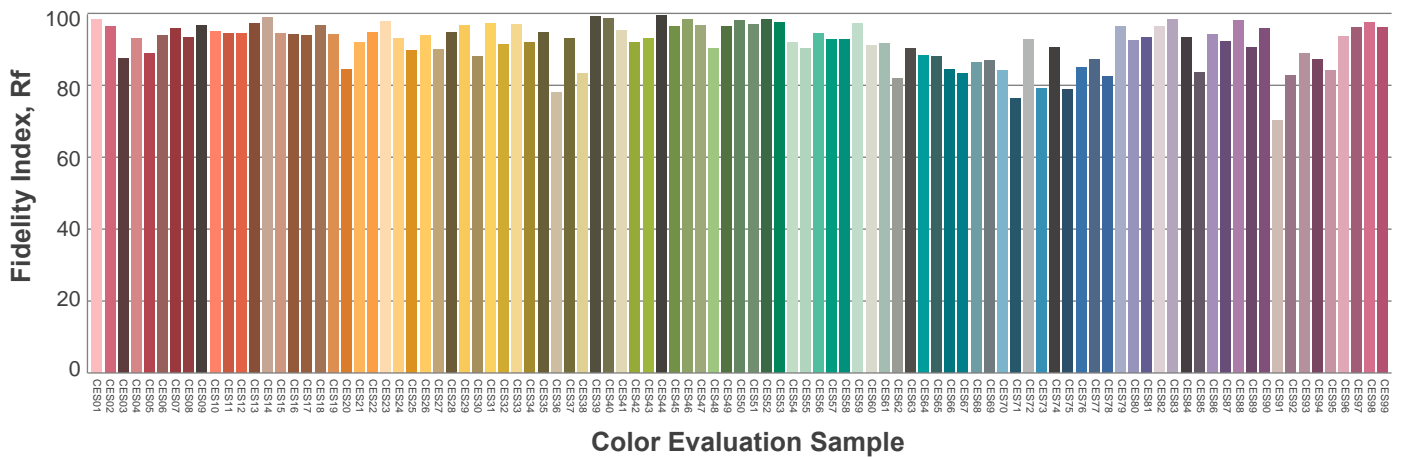
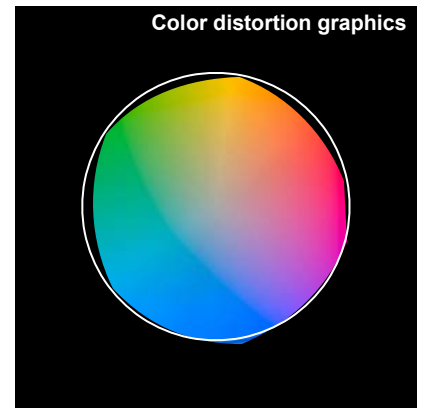
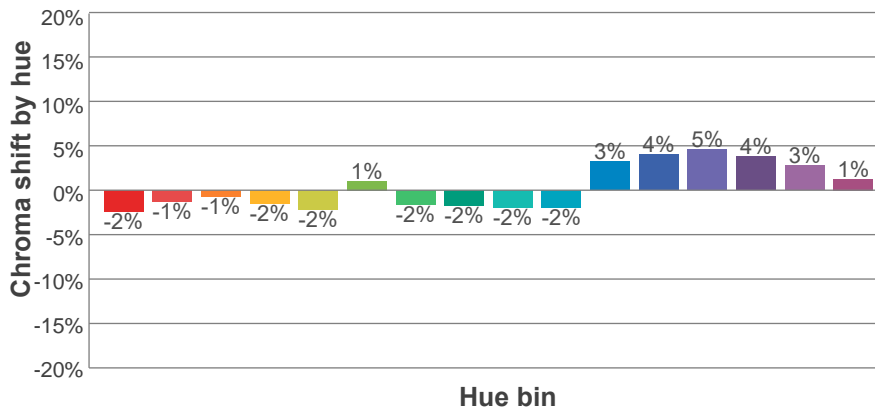
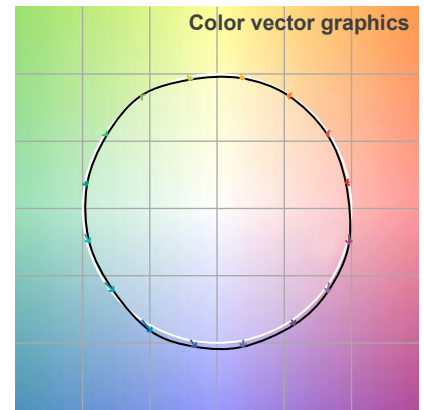
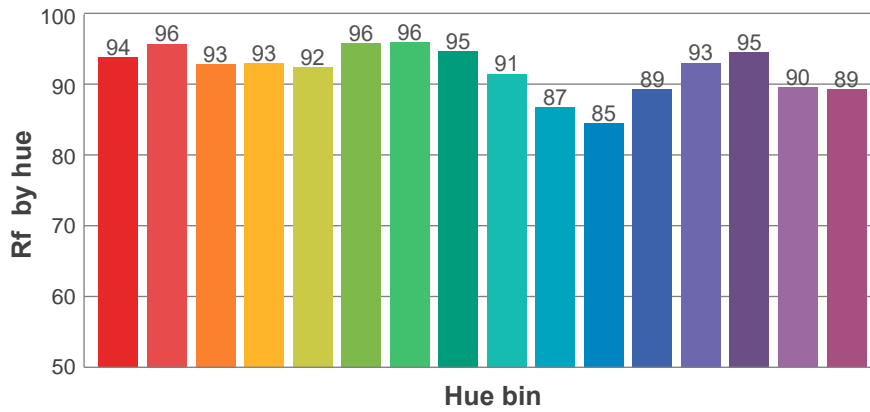
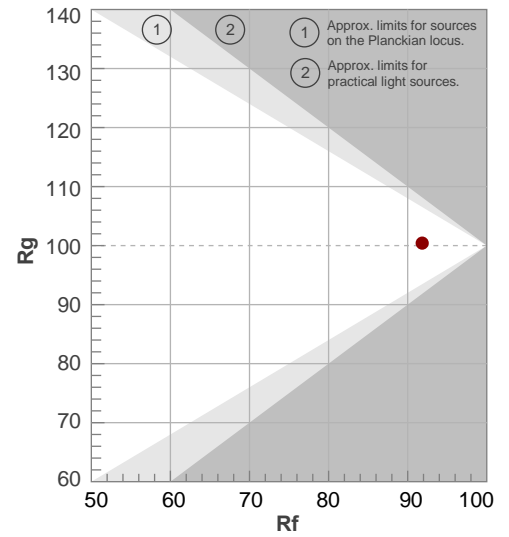
Rf 91.8

Fidelity index Rf

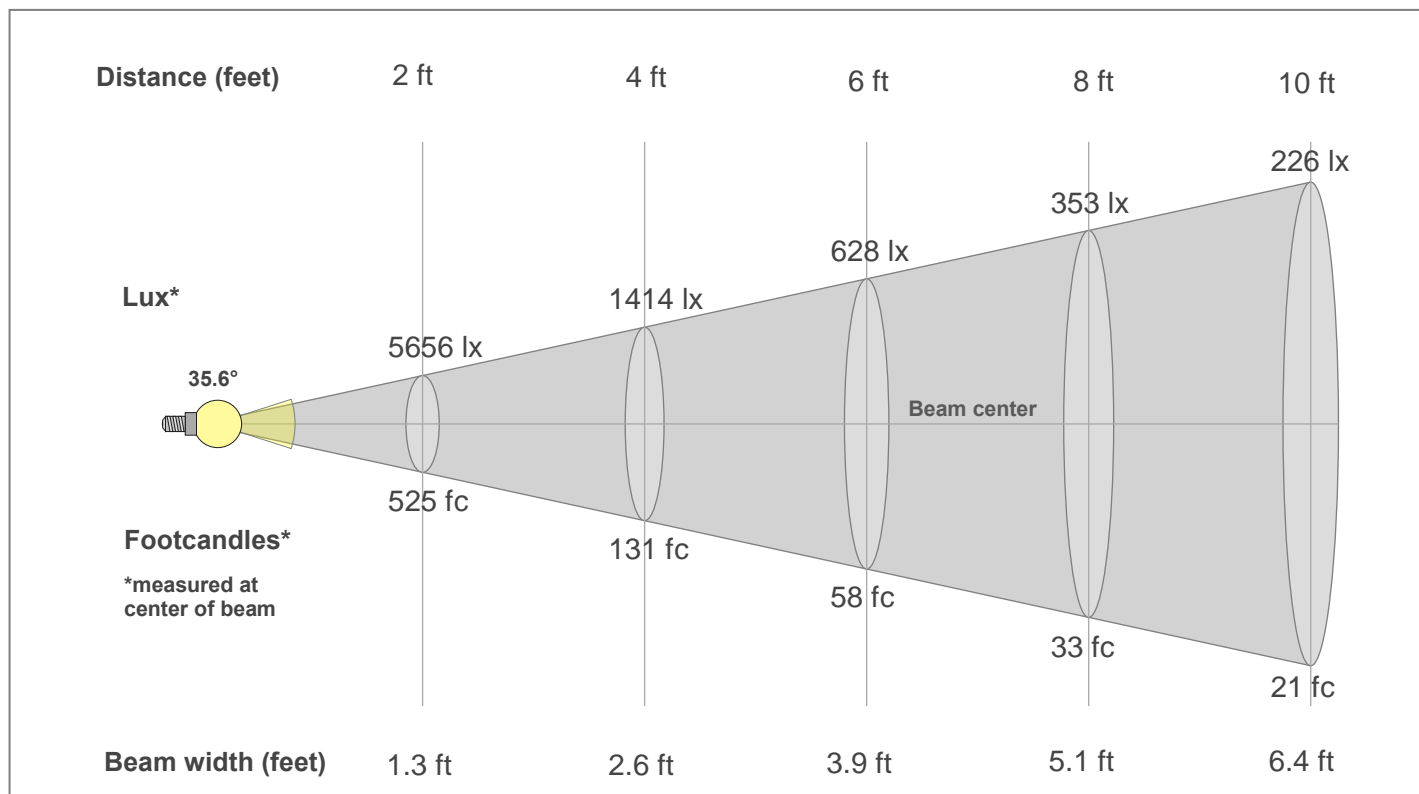
Rg 100.4

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	94	-2%	0%
2	96	-1%	1%
3	93	-1%	3%
4	93	-2%	2%
5	92	-2%	2%
6	96	1%	1%
7	96	-2%	0%
8	95	-2%	2%
9	91	-2%	6%
10	87	-2%	8%
11	85	3%	10%
12	89	4%	4%
13	93	5%	-1%
14	95	4%	0%
15	90	3%	-6%
16	89	1%	-7%



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
2102lx	525lx	234lx	131lx	84lx	58lx	43lx	33lx	26lx	21lx	17lx	15lx	12lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx
195.3fc	48.8fc	21.7fc	12.2fc	7.8fc	5.4fc	4fc	3.1fc	2.4fc	2fc	1.6fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	0.5fc	0.5fc

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°
2102	2085	2030	1943	1827	1690	1539	1376	1204	1033	870	720	587	473	378	296	228	173	129	98
100%	99%	97%	92%	87%	80%	73%	65%	57%	49%	41%	34%	28%	23%	18%	14%	11%	8%	6%	5%

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°
2102	2087	2034	1943	1828	1692	1539	1375	1206	1036	873	721	590	476	379	298	230	175	132	100
100%	99%	97%	92%	87%	81%	73%	65%	57%	49%	42%	34%	28%	23%	18%	14%	11%	8%	6%	5%

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°
2102	2085	2030	1943	1827	1690	1539	1376	1204	1033	870	720	587	473	378	296	228	173	129	98
100%	99%	97%	92%	87%	80%	73%	65%	57%	49%	41%	34%	28%	23%	18%	14%	11%	8%	6%	5%

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°
2102	2087	2034	1943	1828	1692	1539	1375	1206	1036	873	721	590	476	379	298	230	175	132	100
100%	99%	97%	92%	87%	81%	73%	65%	57%	49%	42%	34%	28%	23%	18%	14%	11%	8%	6%	5%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
35.6°	65.2°	85°	99.6%	97.8%