

Photometric / Colorimetric / Electric Report

Fixture Model:

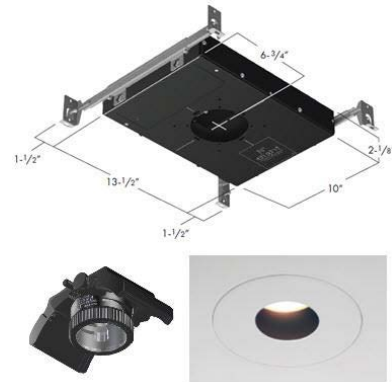
805-J5-TW-40-3000K-DAL2-8.5-700-FR-P-1-WH

Trim Model:

FR-P-1-WH

Date:

1/17/2025



Light efficiency:

53 Lumen/Watt

Light quality:

CRI: 96.7

Color temperature:

3010 K

CIE 1931:

**x: 0.430
y: 0.390**

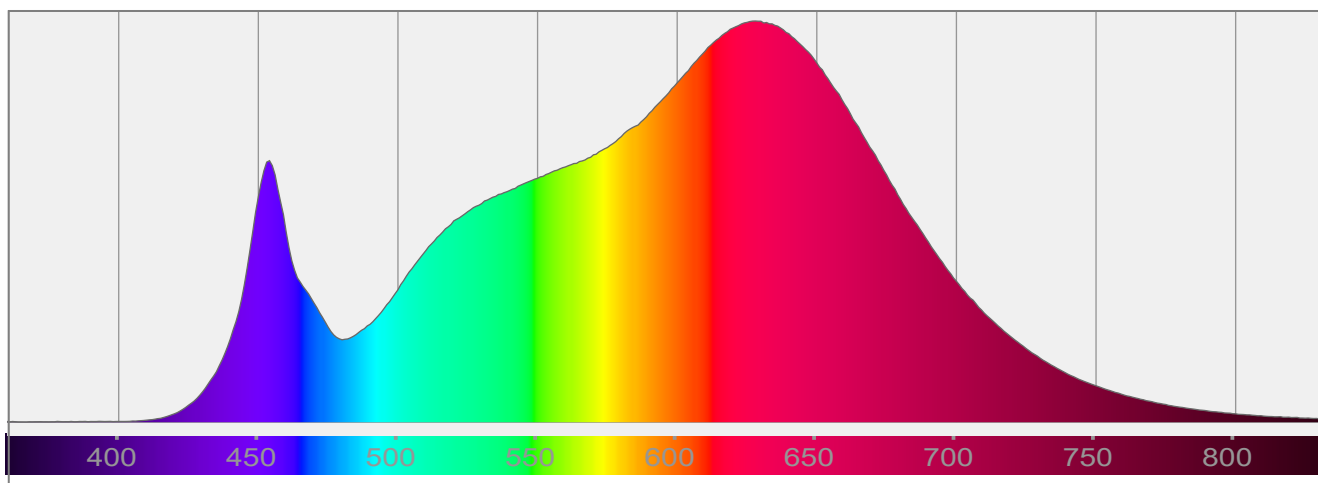
Output: 825 lm

Peak: 1941 cd

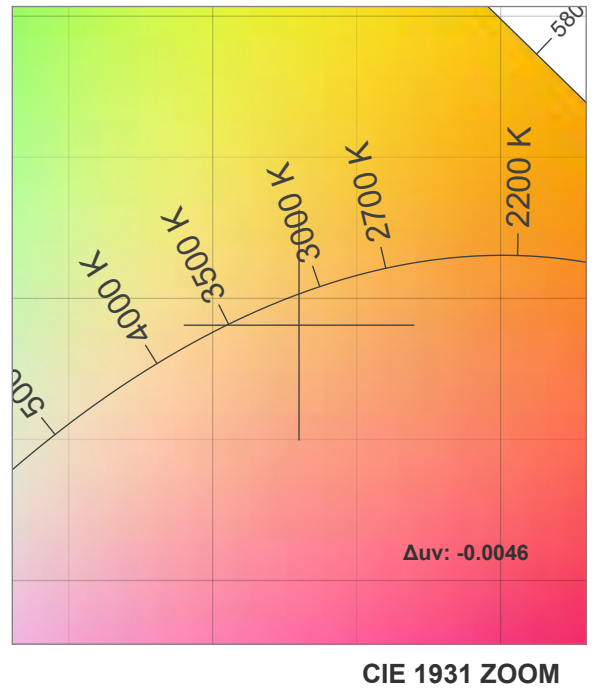
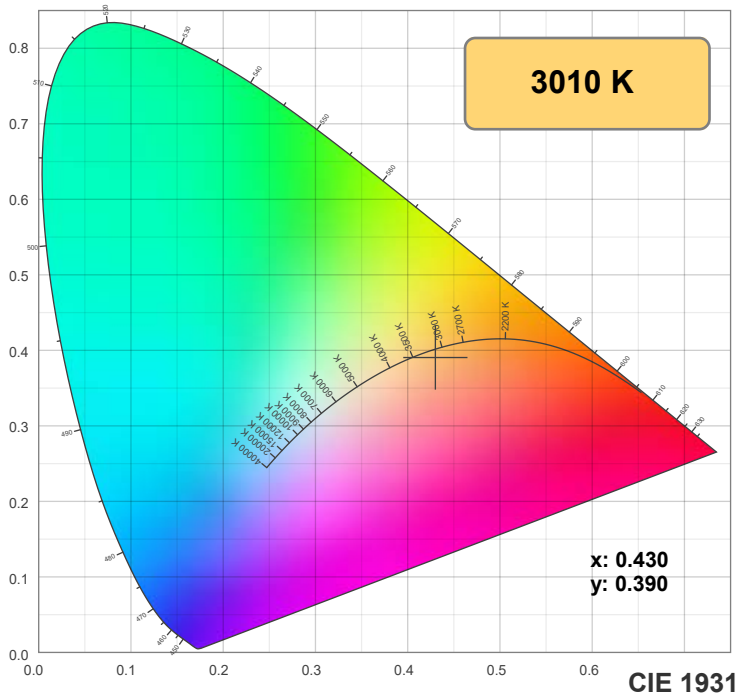
Power: 15.5 W

PF: 0.99

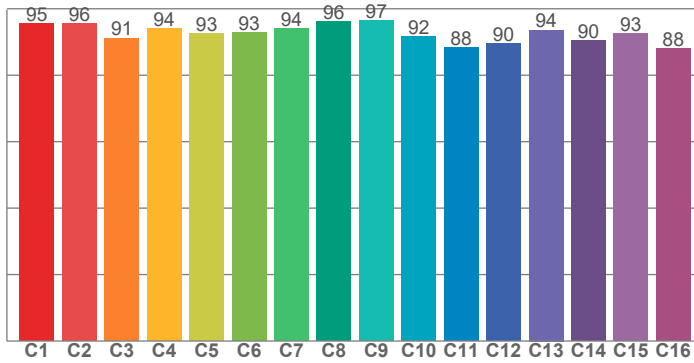
Spectra:



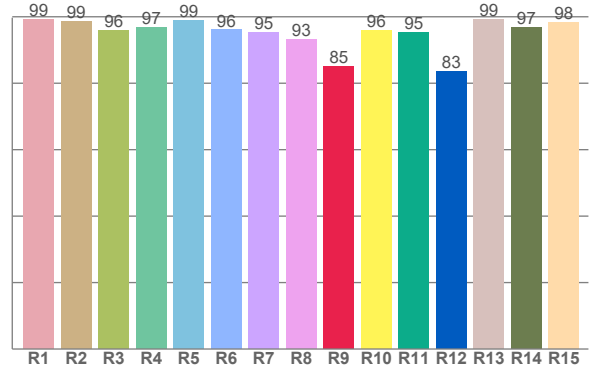
Color Details



TM-30: 92.8



CRI: 96.7 (R1-R8)



CRI R Values:

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.1	98.6	96.0	96.7	98.9	96.0	95.3	93.2	84.9	95.9	95.2	83.5	99.2	96.7	98.3

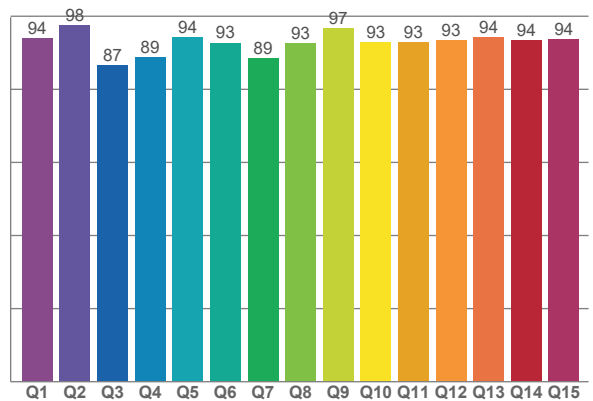
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.5	95.6	91.2	94.1	92.5	92.9	94.1	96.1	96.5	91.6	88.4	89.6	93.6	90.5	92.6	88.1

CQS Q values:

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.9	97.5	86.7	88.7	94.2	92.8	88.5	92.5	96.8	92.9	93.0	93.4	94.1	93.5	93.7

CQS: 92.2



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3010 K	96.7	84.9	92.8	103.1	92.2	0.430	0.390	0.252	0.343	-0.0046

TM-30 Details

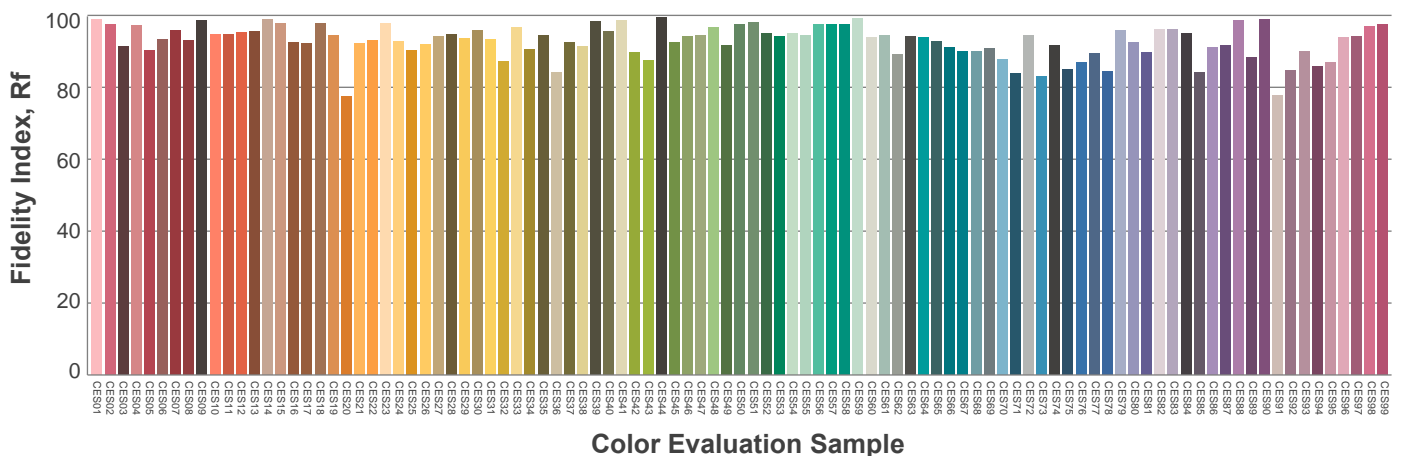
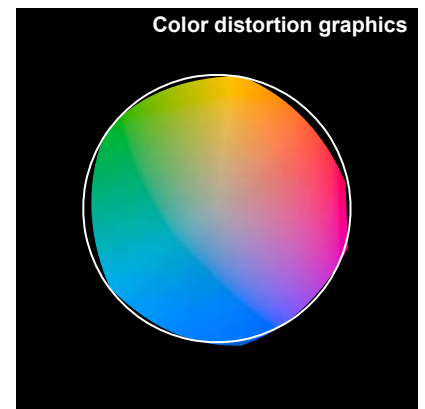
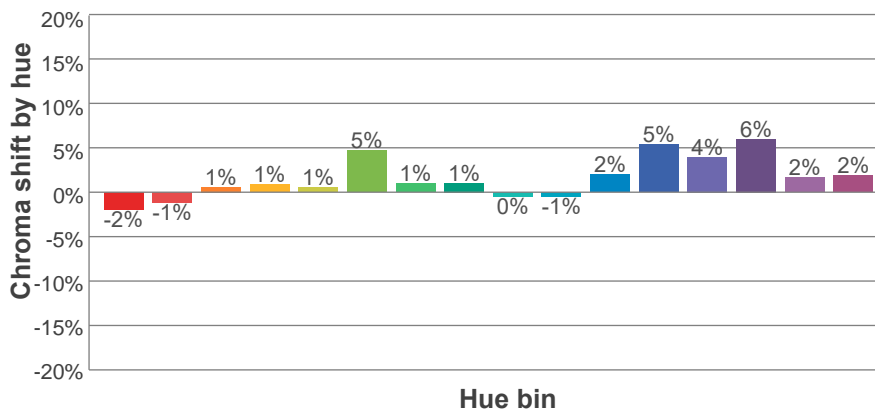
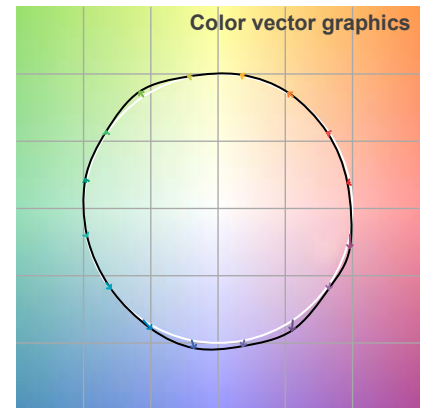
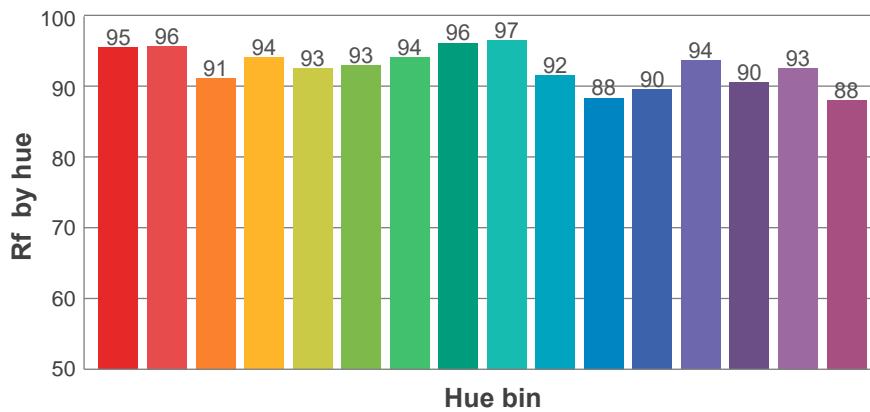
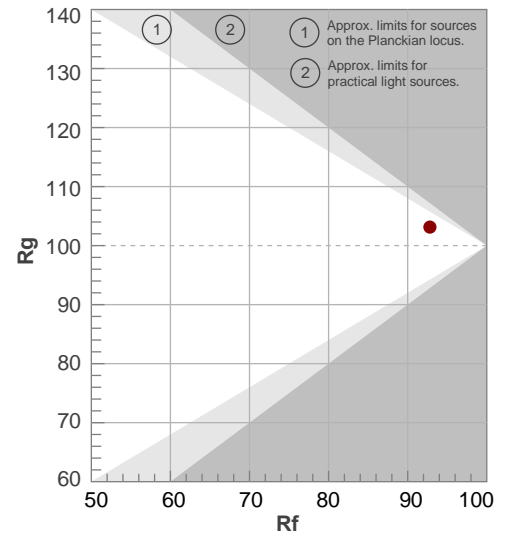
Rf 92.8

Fidelity index Rf

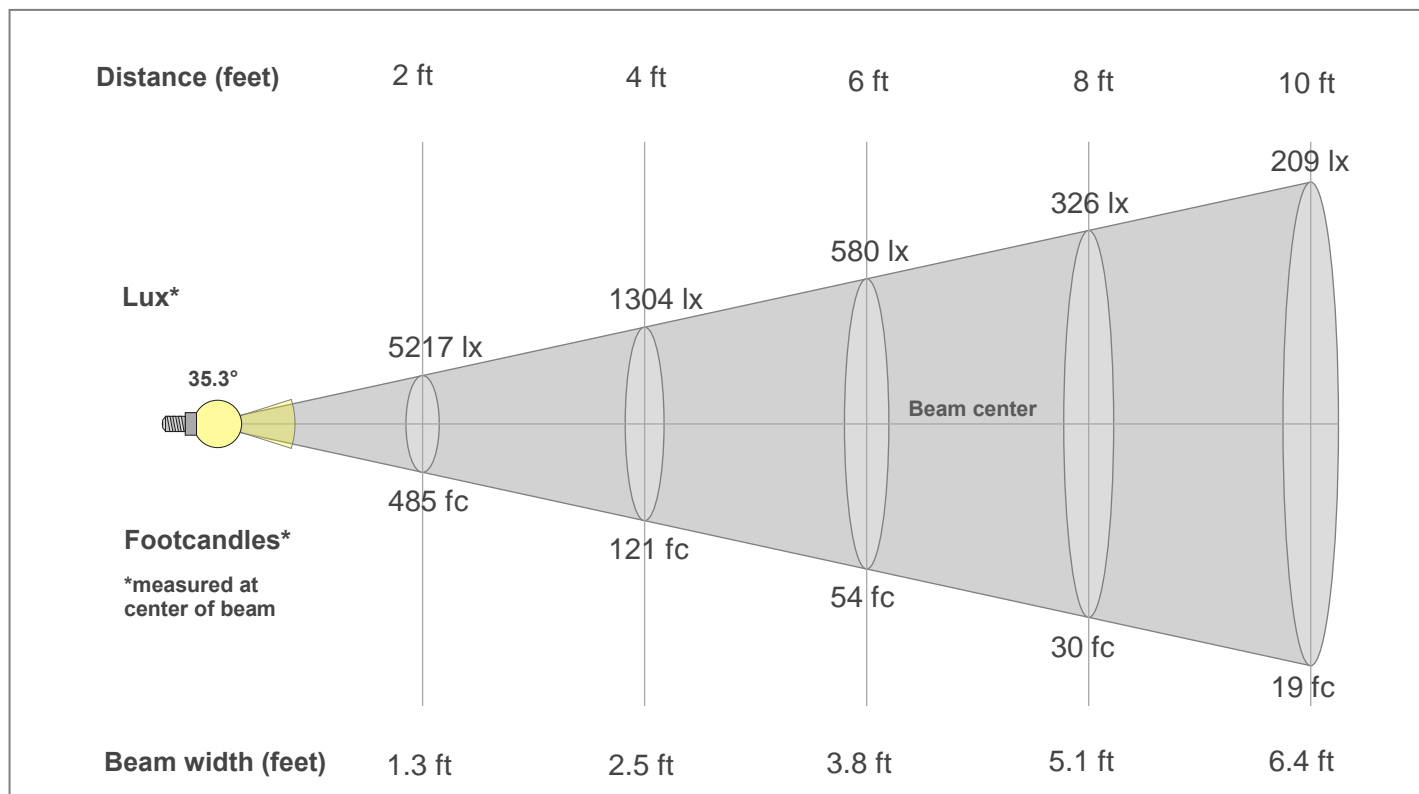
Rg 103.1

Gamut index Rg

Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	96	-1%	2%
3	91	1%	4%
4	94	1%	3%
5	93	1%	3%
6	93	5%	0%
7	94	1%	-1%
8	96	1%	-2%
9	97	0%	1%
10	92	-1%	5%
11	88	2%	8%
12	90	5%	3%
13	94	4%	-2%
14	90	6%	-5%
15	93	2%	-4%
16	88	2%	-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
1939lx	485lx	215lx	121lx	78lx	54lx	40lx	30lx	24lx	19lx	16lx	13lx	11lx	10lx	9lx	8lx	7lx	6lx	5lx	5lx
180.1fc	45fc	20fc	11.3fc	7.2fc	5fc	3.7fc	2.8fc	2.2fc	1.8fc	1.5fc	1.3fc	1.1fc	0.9fc	0.8fc	0.7fc	0.6fc	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°
1939	1924	1873	1791	1682	1555	1413	1260	1101	942	791	652	530	423	333	257	195	146	109	83
100%	99%	97%	92%	87%	80%	73%	65%	57%	49%	41%	34%	27%	22%	17%	13%	10%	8%	6%	4%

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°
1939	1925	1874	1792	1684	1557	1414	1262	1103	944	793	652	529	422	332	257	194	145	108	81
100%	99%	97%	92%	87%	80%	73%	65%	57%	49%	41%	34%	27%	22%	17%	13%	10%	7%	6%	4%

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°
1939	1924	1873	1791	1682	1555	1413	1260	1101	942	791	652	530	423	333	257	195	146	109	83
100%	99%	97%	92%	87%	80%	73%	65%	57%	49%	41%	34%	27%	22%	17%	13%	10%	8%	6%	4%

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°
1939	1925	1874	1792	1684	1557	1414	1262	1103	944	793	652	529	422	332	257	194	145	108	81
100%	99%	97%	92%	87%	80%	73%	65%	57%	49%	41%	34%	27%	22%	17%	13%	10%	7%	6%	4%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
35.3°	64°	83.6°	99.6%	97.9%