

## Photometric / Colorimetric / Electric Report

Fixture Model:

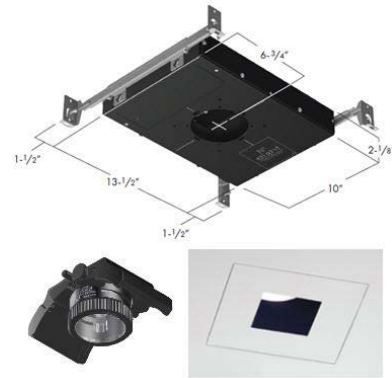
**805-J5-TW-15T-2200K-DAL2-8.5-700-FS-P-1-WH**

Trim Model:

**FS-P-1-WH**

Date:

**1/21/2025**



Light efficiency:

**49 Lumen/Watt**

Light quality:

**CRI: 93.3**

Color temperature:

**2243 K**

CIE 1931:

**x: 0.499  
y: 0.411**

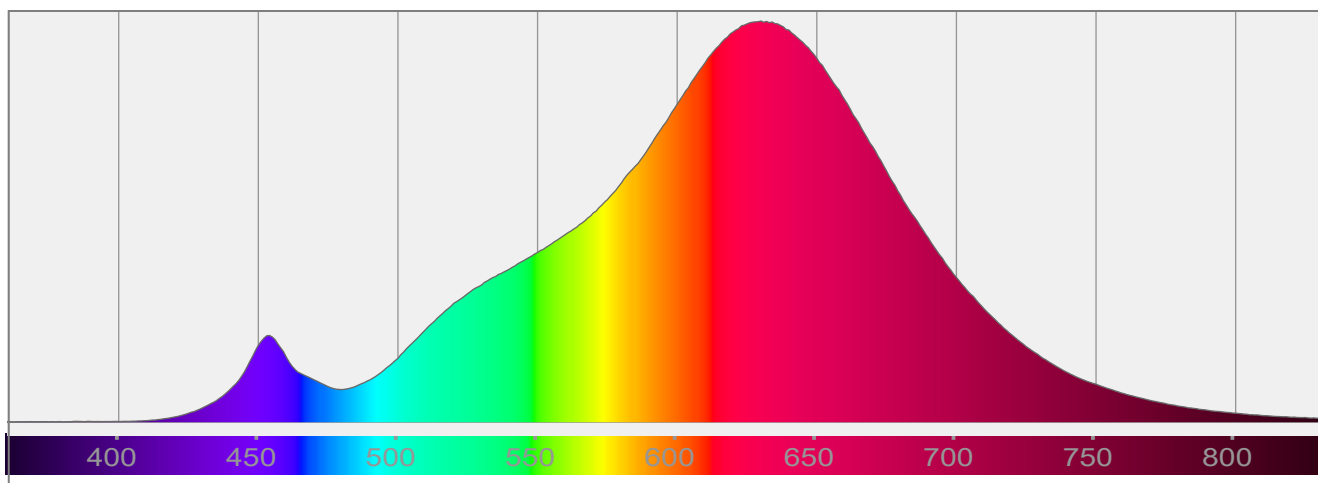
**Output: 761 lm**

**Peak: 5175 cd**

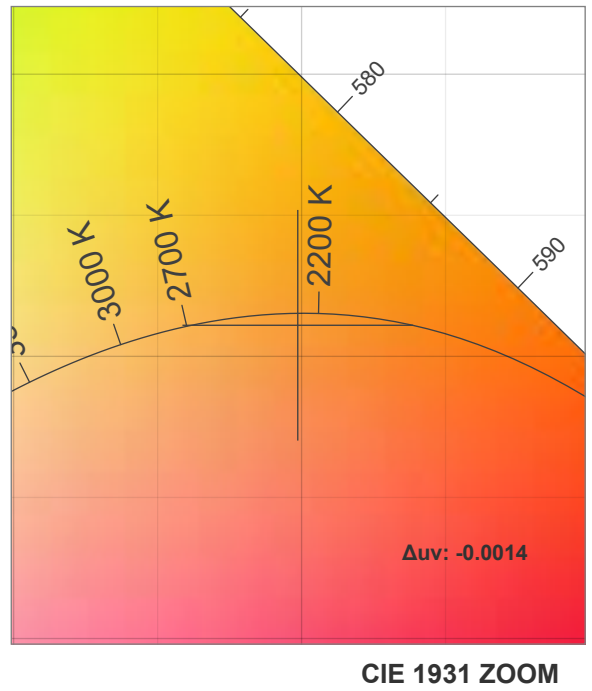
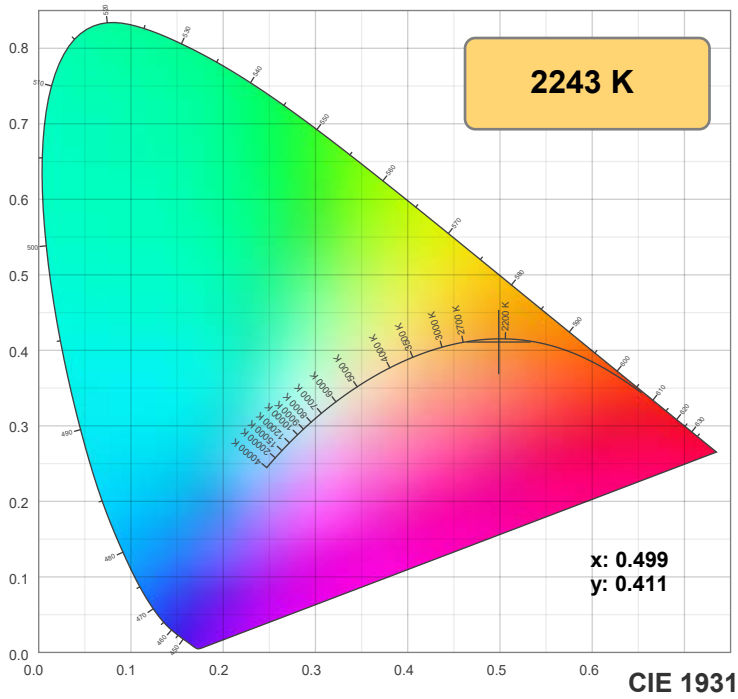
**Power: 15.6 W**

**PF: 0.99**

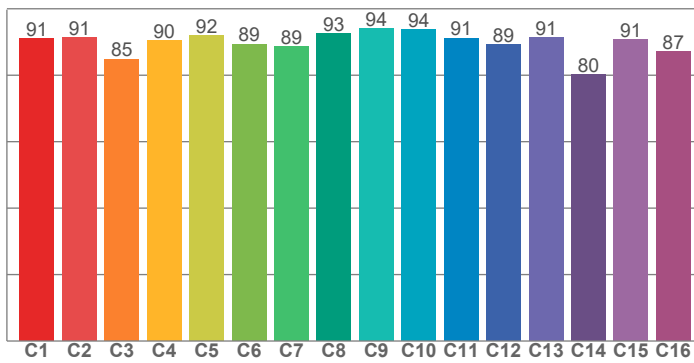
Spectra:



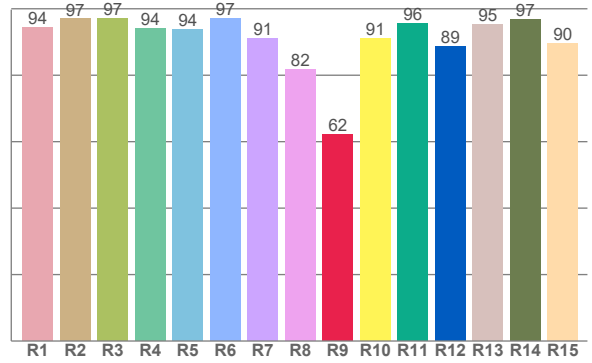
## Color Details



**TM-30: 90.3**



**CRI: 93.3 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.3	96.9	97.0	94.1	93.9	97.1	91.1	81.7	62.1	91.2	95.6	88.7	95.3	96.8	89.5

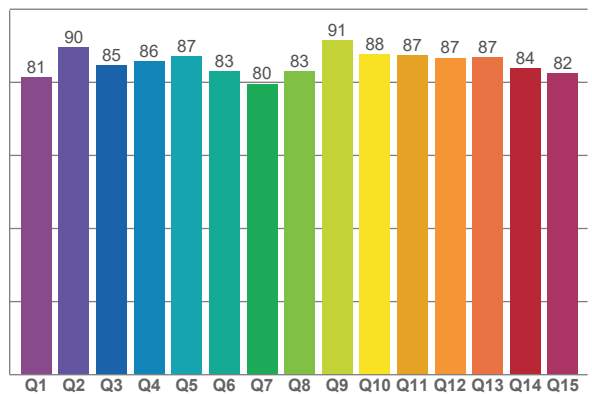
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
91.0	91.3	84.8	90.4	91.9	89.4	88.7	92.6	94.0	93.7	91.2	89.3	91.4	80.2	90.8	87.0

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
81.3	89.7	84.7	85.8	87.0	83.0	79.6	83.1	91.5	87.7	87.4	86.7	86.7	83.8	82.4

**CQS: 84.8**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2243 K	93.3	62.1	90.3	103.4	84.8	0.499	0.411	0.288	0.356	-0.0014

# TM-30 Details

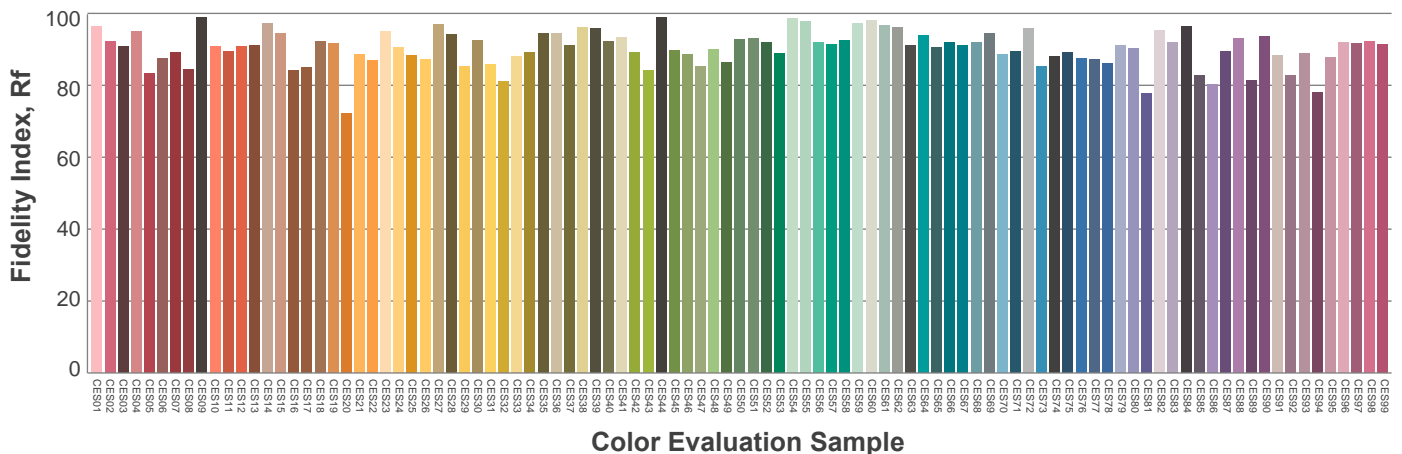
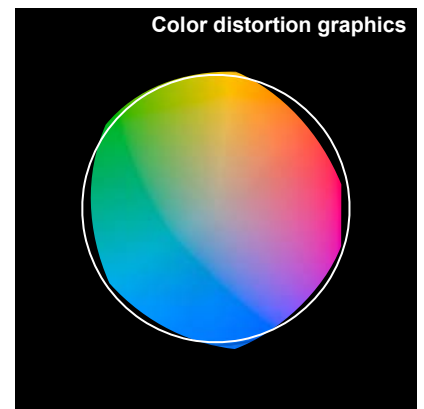
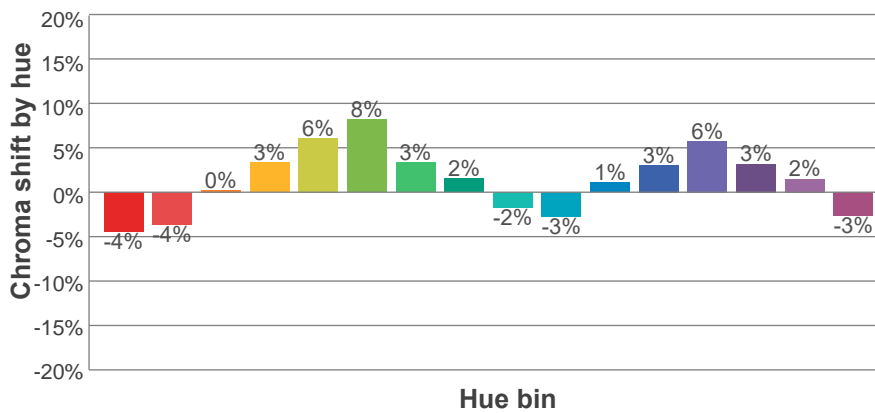
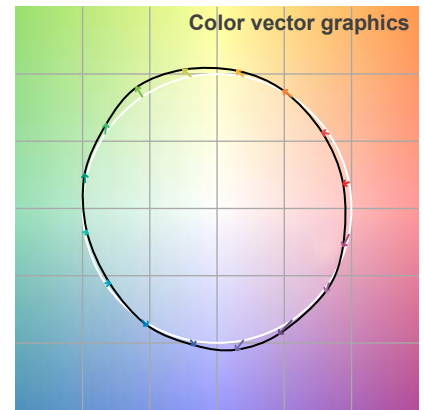
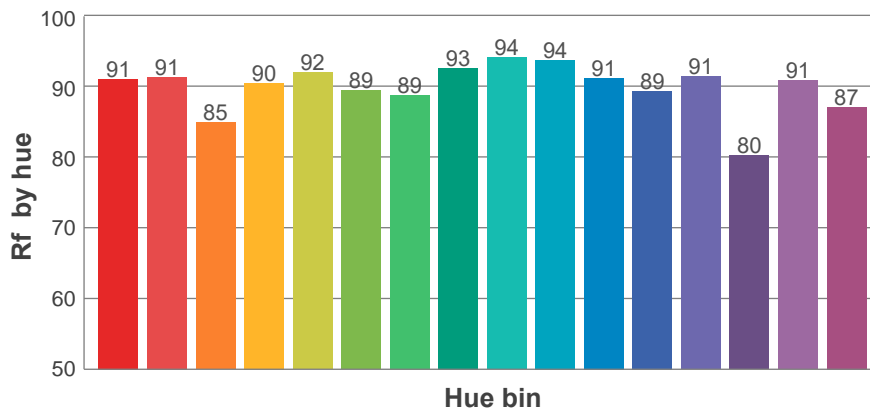
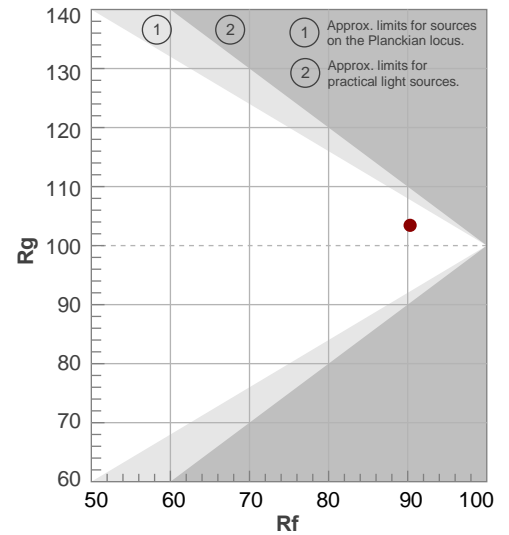
**Rf 90.3**

Fidelity index Rf

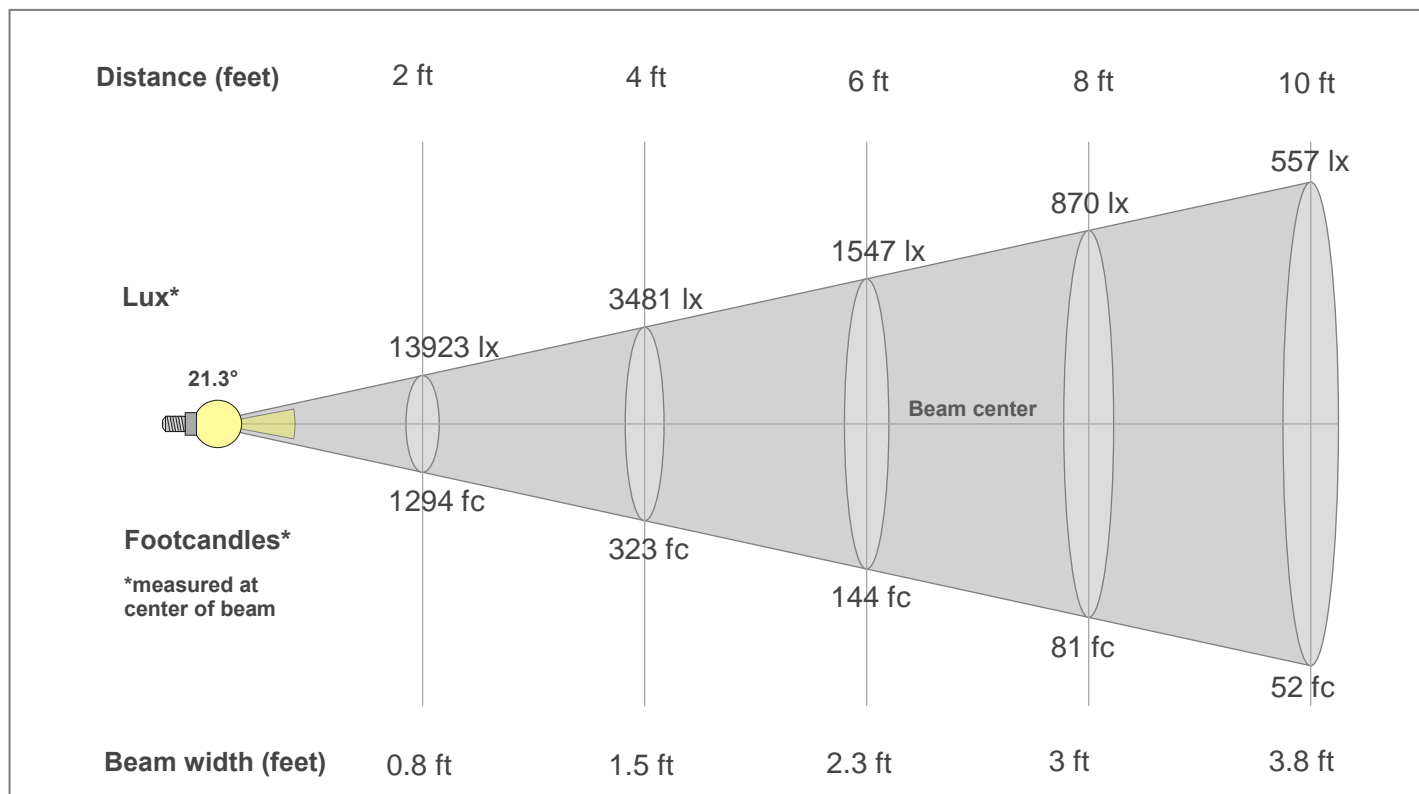
**Rg 103.4**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-4%	-1%
2	91	-4%	4%
3	85	0%	8%
4	90	3%	5%
5	92	6%	5%
6	89	8%	0%
7	89	3%	-6%
8	93	2%	-6%
9	94	-2%	-3%
10	94	-3%	2%
11	91	1%	6%
12	89	3%	4%
13	91	6%	-7%
14	80	3%	-13%
15	91	2%	-6%
16	87	-3%	-9%



## 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
5174lx	1294lx	575lx	323lx	207lx	144lx	106lx	81lx	64lx	52lx	43lx	36lx	31lx	26lx	23lx	20lx	18lx	16lx	14lx	13lx
480.7fc	120.2fc	53.4fc	30fc	19.2fc	13.4fc	9.8fc	7.5fc	5.9fc	4.8fc	4fc	3.3fc	2.8fc	2.5fc	2.1fc	1.9fc	1.7fc	1.5fc	1.3fc	1.2fc

### 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°
5174	5153	5078	4958	4788	4569	4299	3989	3639	3258	2871	2481	2102	1749	1423	1133	889	685	519	391
100%	100%	98%	96%	93%	88%	83%	77%	70%	63%	55%	48%	41%	34%	28%	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°
5174	5147	5067	4945	4782	4574	4314	3998	3634	3233	2823	2427	2039	1670	1334	1042	797	598	445	330
100%	99%	98%	96%	92%	88%	83%	77%	70%	62%	55%	47%	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°
5174	5153	5078	4958	4788	4569	4299	3989	3639	3258	2871	2481	2102	1749	1423	1133	889	685	519	391
100%	100%	98%	96%	93%	88%	83%	77%	70%	63%	55%	48%	41%	34%	28%	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°
5174	5147	5067	4945	4782	4574	4314	3998	3634	3233	2823	2427	2039	1670	1334	1042	797	598	445	330
100%	99%	98%	96%	92%	88%	83%	77%	70%	62%	55%	47%	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°
21.3°	35.5°	45.4°	99.4%	99.1%