

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-J5-TW-15T-4500K-DAL2-8.5-700-FS-P-1-WH**

Trim Model:

**FS-P-1-WH**

Date:

**1/22/2025**



Light efficiency:

**66 Lumen/Watt**

Light quality:

**CRI: 92.9**

Color temperature:

**4474 K**

CIE 1931:

**x: 0.363  
y: 0.368**

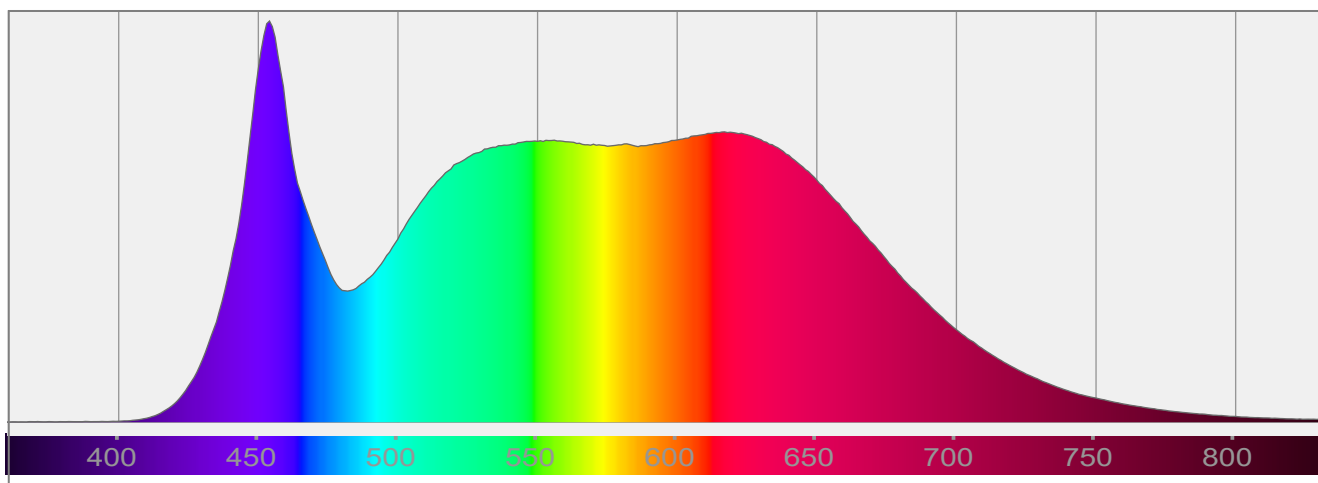
**Output: 1017 lm**

**Peak: 7371 cd**

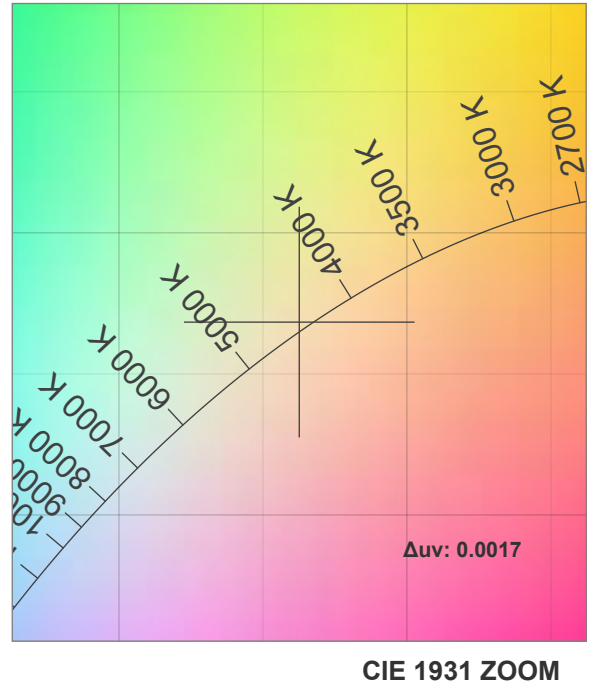
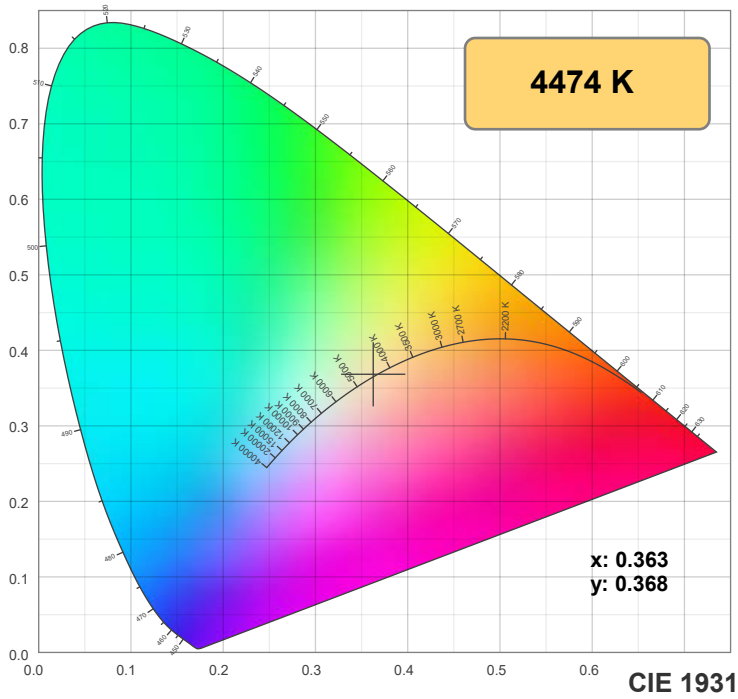
**Power: 15.4 W**

**PF: 0.99**

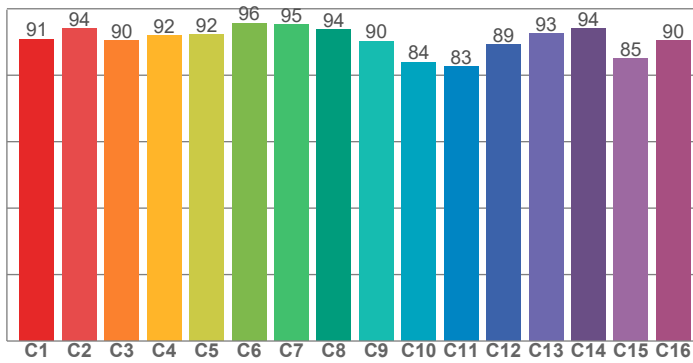
Spectra:



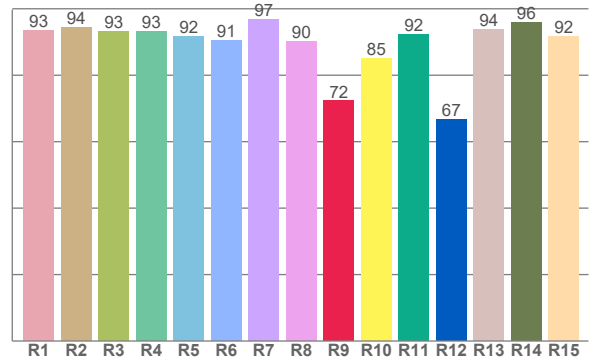
## Color Details



**TM-30: 90.6**



**CRI: 92.9 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.5	94.5	93.2	93.3	91.6	90.5	96.7	90.2	72.3	84.9	92.4	66.7	93.8	95.8	91.7

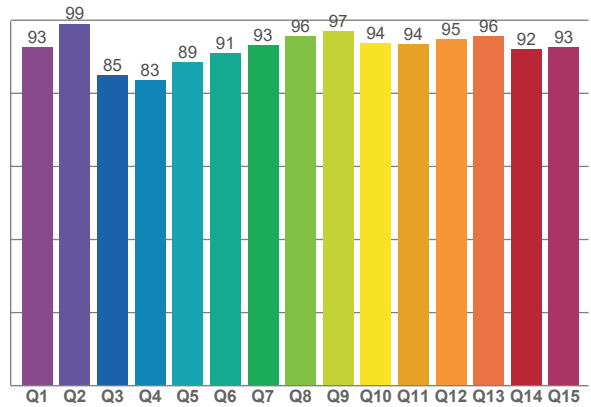
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.9	94.0	90.5	91.9	92.2	95.7	95.2	93.6	90.3	84.0	82.6	89.2	92.6	94.1	85.1	90.4

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.7	99.0	85.0	83.5	88.5	91.1	93.3	95.6	96.9	93.8	93.5	94.7	95.6	92.1	92.7

**CQS: 91.5**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
4474 K	92.9	72.3	90.6	99.3	91.5	0.363	0.368	0.217	0.330	0.0017

# TM-30 Details

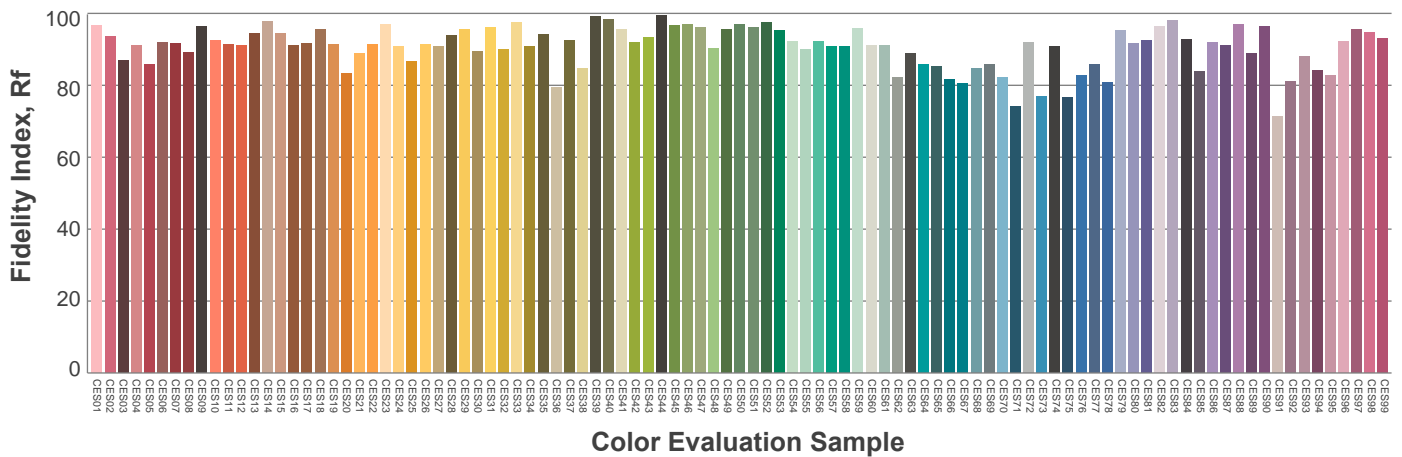
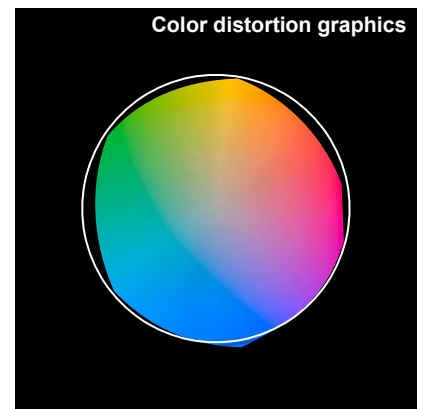
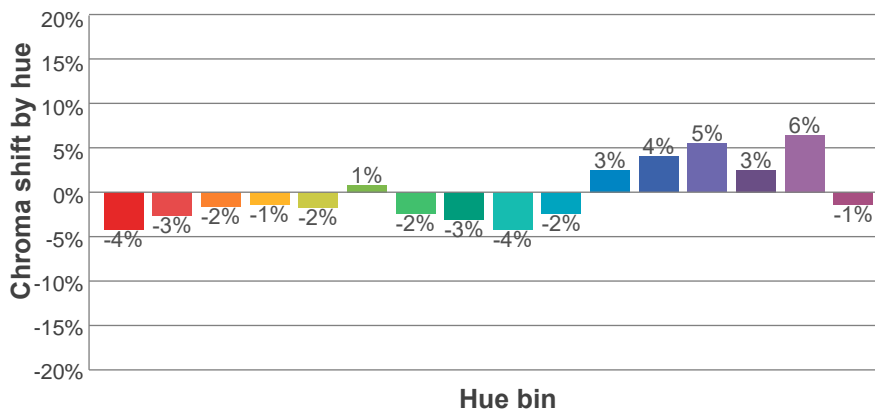
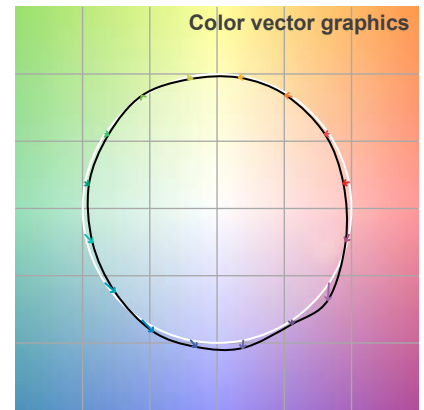
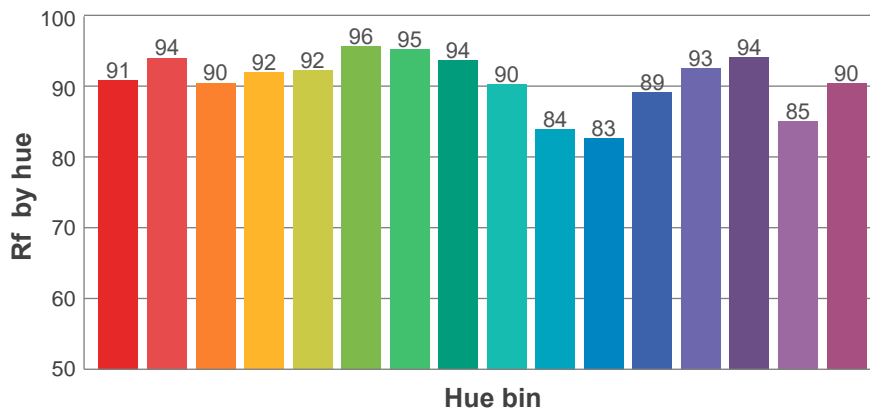
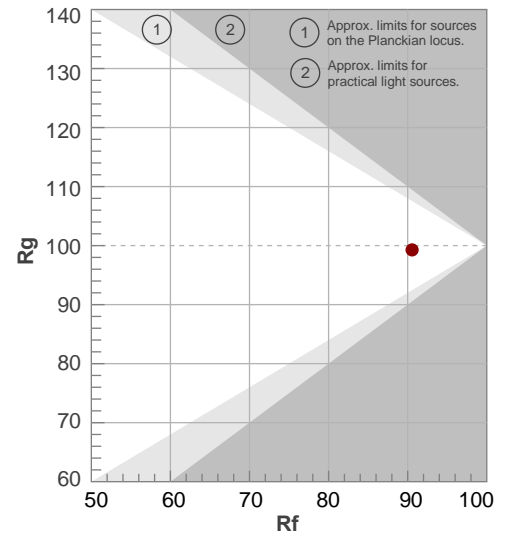
**Rf 90.6**

Fidelity index Rf

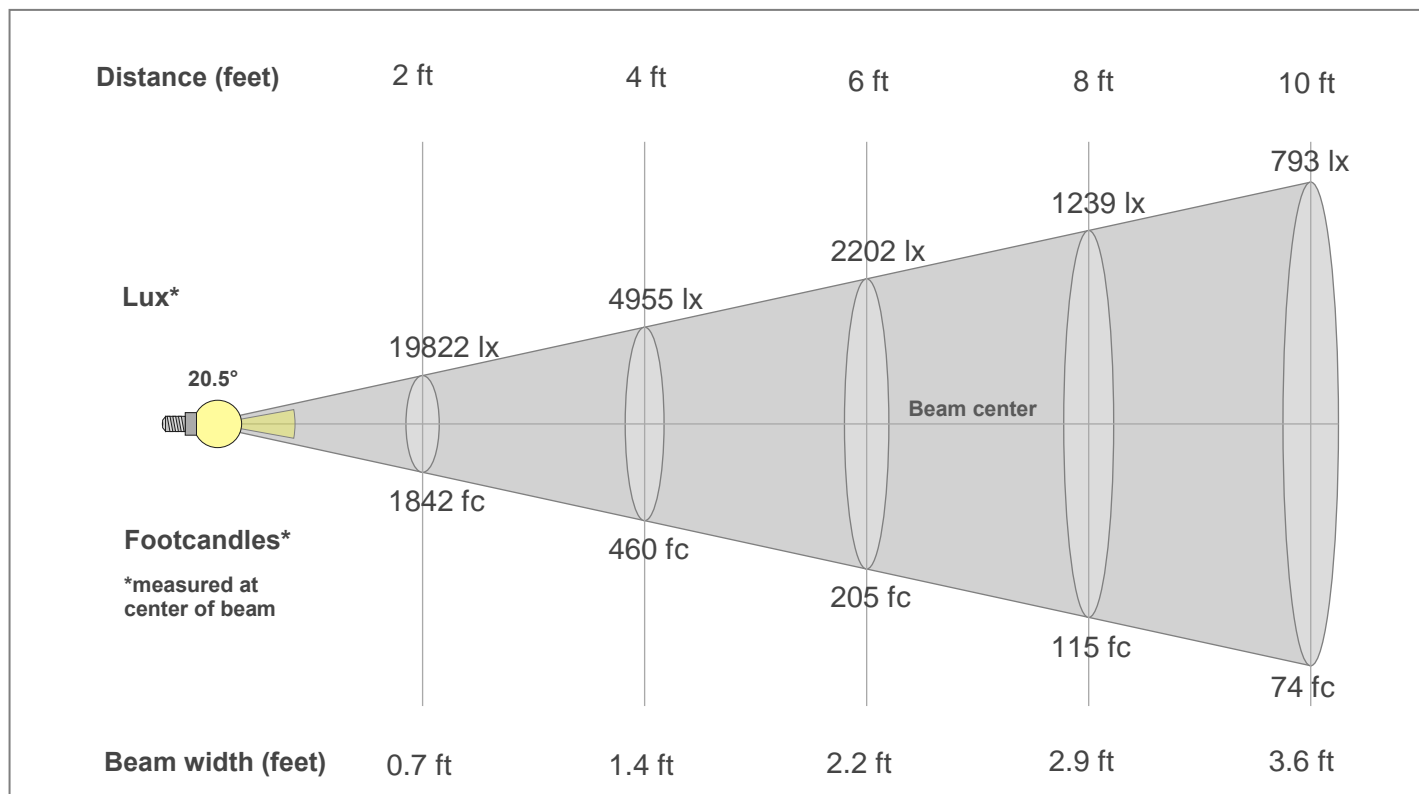
**Rg 99.3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	94	-3%	1%
3	90	-2%	4%
4	92	-1%	3%
5	92	-2%	2%
6	96	1%	0%
7	95	-2%	-1%
8	94	-3%	1%
9	90	-4%	6%
10	84	-2%	9%
11	83	3%	11%
12	89	4%	5%
13	93	5%	-2%
14	94	3%	-2%
15	85	6%	-11%
16	90	-1%	-5%



## 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
7366lx	1842lx	818lx	460lx	295lx	205lx	150lx	115lx	91lx	74lx	61lx	51lx	44lx	38lx	33lx	29lx	25lx	23lx	20lx	18lx
684.3fc	171.1fc	76fc	42.8fc	27.4fc	19fc	14fc	10.7fc	8.4fc	6.8fc	5.7fc	4.8fc	4fc	3.5fc	3fc	2.7fc	2.4fc	2.1fc	1.9fc	1.7fc

### 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°
7366	7291	7133	6903	6611	6260	5855	5406	4920	4402	3871	3344	2835	2354	1909	1512	1178	902	679	509
100%	99%	97%	94%	90%	85%	79%	73%	67%	60%	53%	45%	38%	32%	26%	21%	16%	12%	9%	7%

### 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°
7366	7314	7157	6925	6632	6279	5862	5392	4874	4322	3764	3217	2691	2192	1739	1352	1028	767	567	414
100%	99%	97%	94%	90%	85%	80%	73%	66%	59%	51%	44%	37%	30%	24%	18%	14%	10%	8%	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°
7366	7291	7133	6903	6611	6260	5855	5406	4920	4402	3871	3344	2835	2354	1909	1512	1178	902	679	509
100%	99%	97%	94%	90%	85%	79%	73%	67%	60%	53%	45%	38%	32%	26%	21%	16%	12%	9%	7%

### 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°
7366	7314	7157	6925	6632	6279	5862	5392	4874	4322	3764	3217	2691	2192	1739	1352	1028	767	567	414
100%	99%	97%	94%	90%	85%	80%	73%	66%	59%	51%	44%	37%	30%	24%	18%	14%	10%	8%	6%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20.5°	34.9°	44.4°	99.6%	99.3%