

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-J5-TW-15T-4700K-DAL2-8.5-700-FS-P-1-WH**

Trim Model:

**FS-P-1-WH**

Date:

**2/3/2025**



Light efficiency:

**66 Lumen/Watt**

Light quality:

**CRI: 91.8**

Color temperature:

**4660 K**

CIE 1931:

**x: 0.357  
y: 0.367**

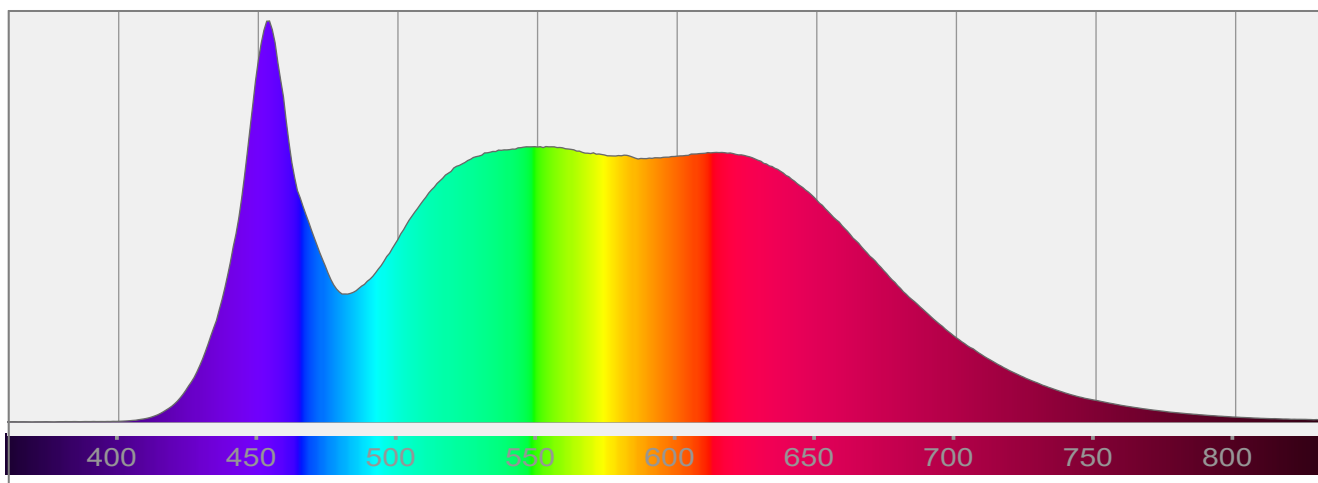
**Output: 1030 lm**

**Peak: 7573 cd**

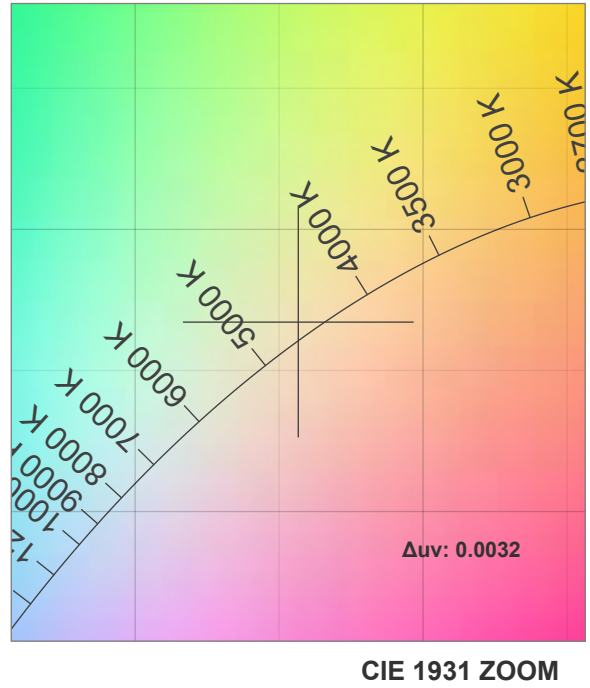
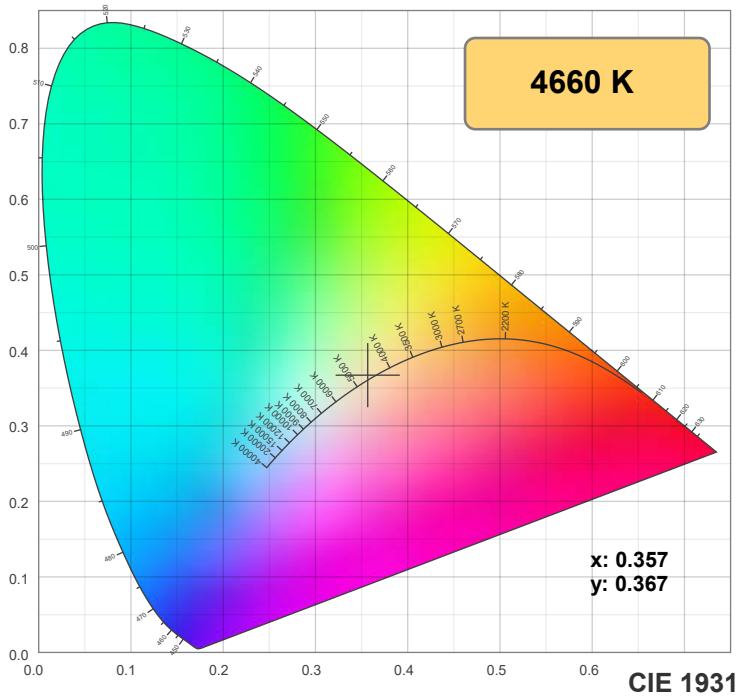
**Power: 15.6 W**

**PF: 0.99**

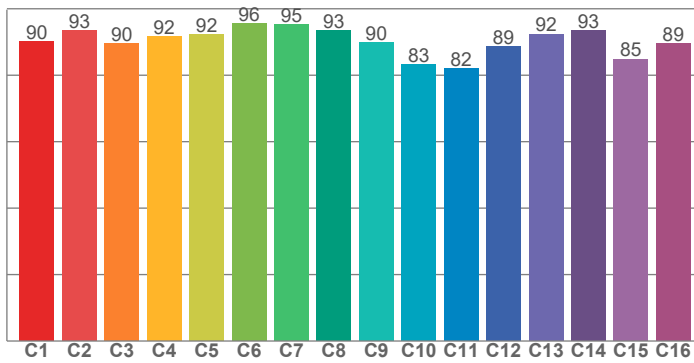
Spectra:



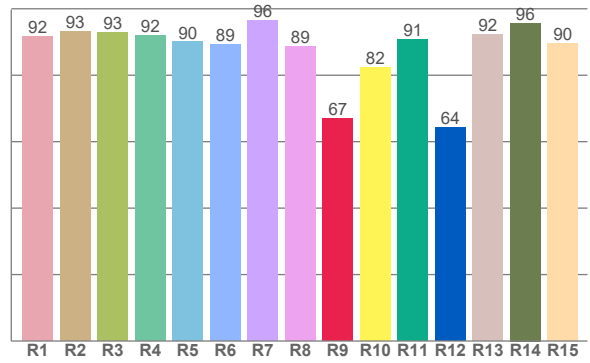
## Color Details



**TM-30: 90.2**



**CRI: 91.8 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
91.8	93.3	92.8	92.0	90.0	89.1	96.5	88.6	67.1	82.4	90.9	64.4	92.2	95.7	89.6

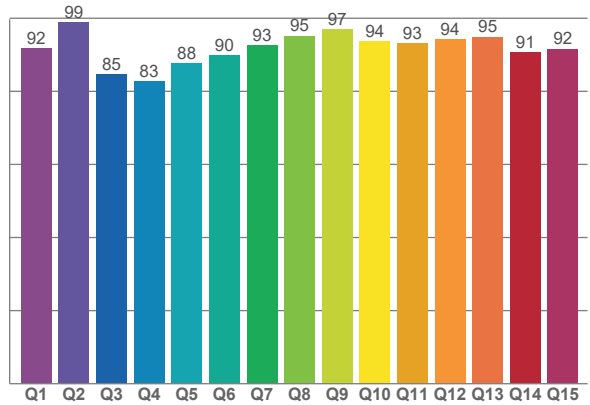
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.1	93.4	89.5	91.6	92.2	95.6	95.2	93.4	89.8	83.3	82.1	88.6	92.4	93.4	84.9	89.5

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.9	98.9	84.7	82.9	87.7	89.9	92.5	95.2	97.0	93.6	93.3	94.3	94.9	90.7	91.7

**CQS: 90.9**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
4660 K	91.8	67.1	90.2	99.0	90.9	0.357	0.367	0.213	0.329	0.0032

# TM-30 Details

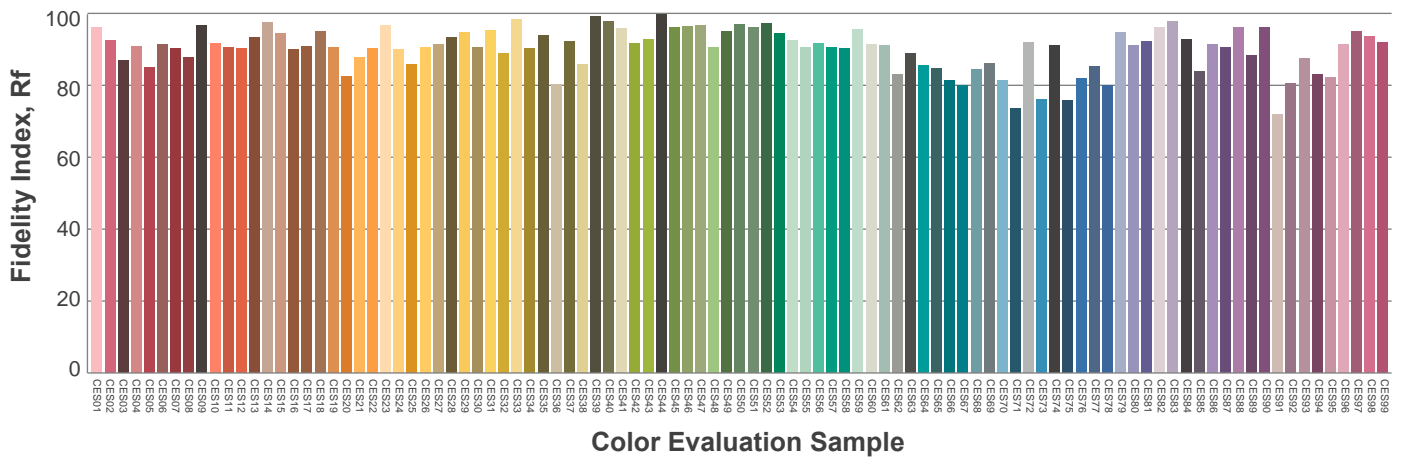
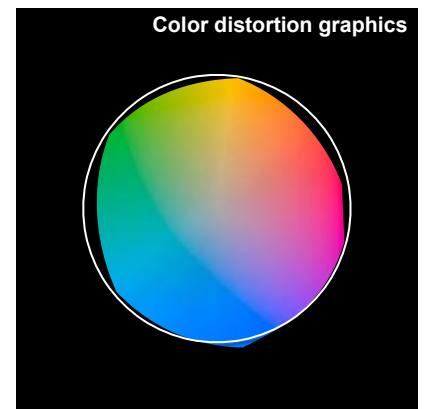
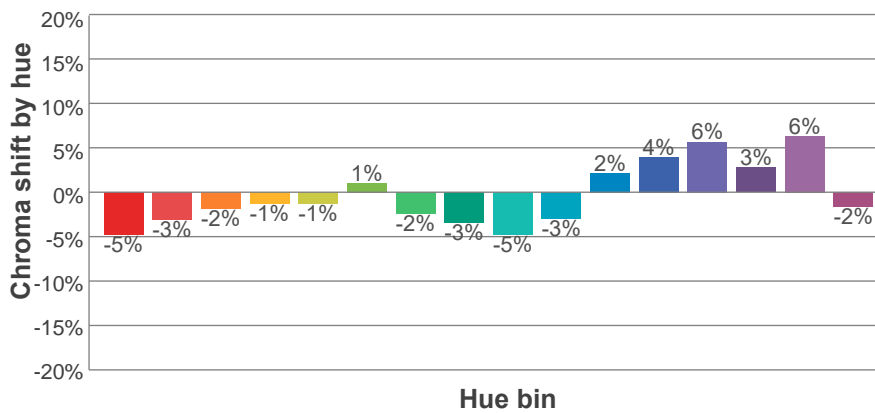
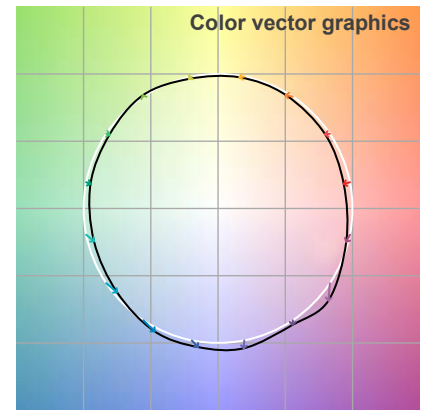
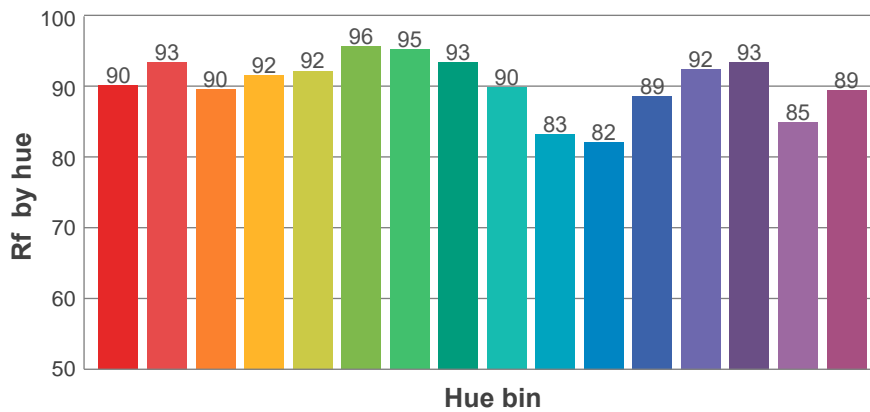
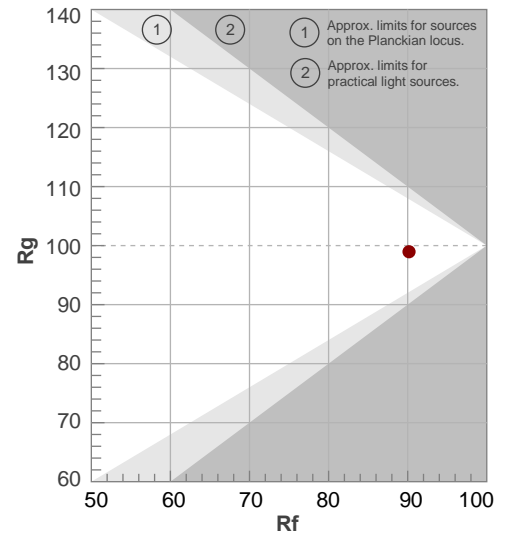
**Rf 90.2**

Fidelity index Rf

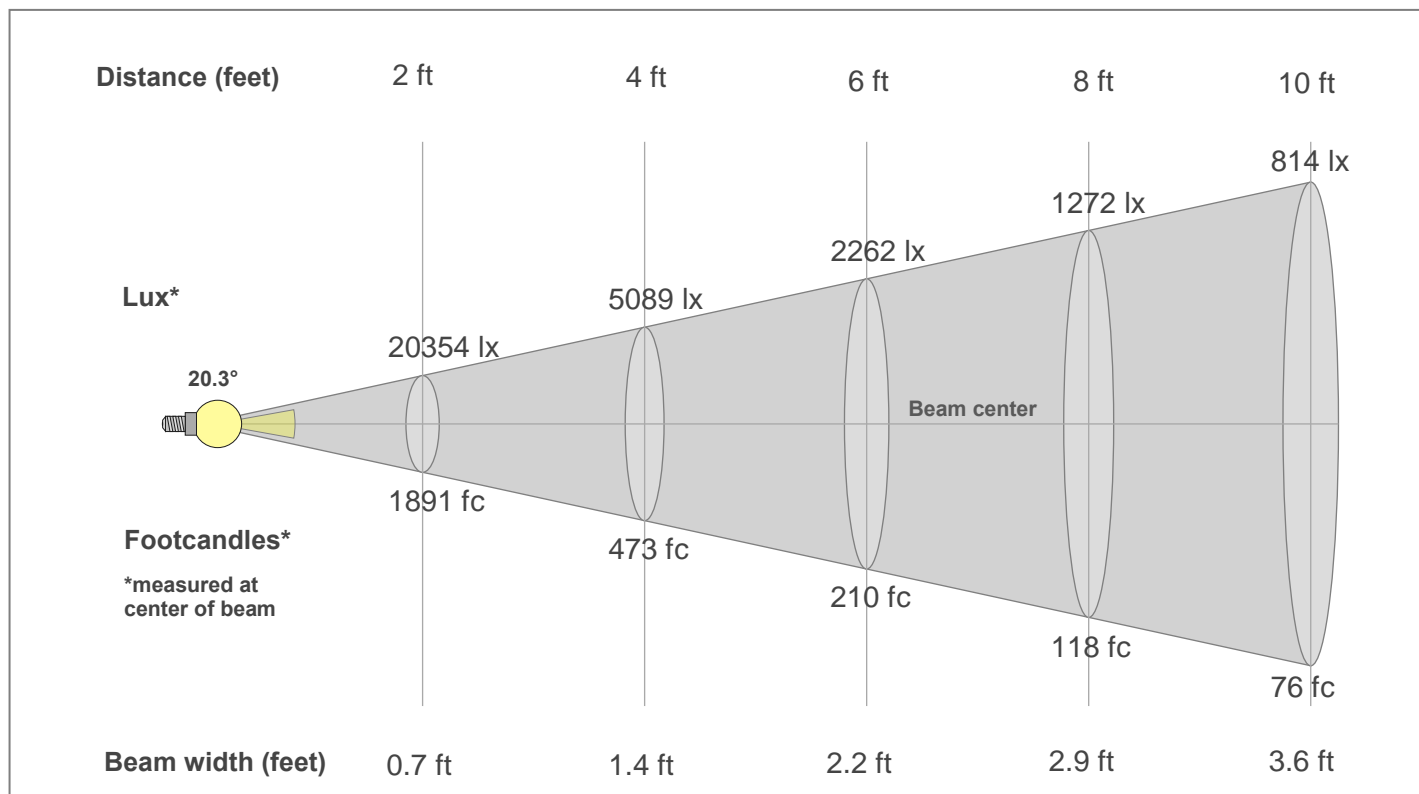
**Rg 99.0**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	90	-5%	0%
2	93	-3%	2%
3	90	-2%	5%
4	92	-1%	3%
5	92	-1%	2%
6	96	1%	0%
7	95	-2%	-1%
8	93	-3%	1%
9	90	-5%	6%
10	83	-3%	10%
11	82	2%	11%
12	89	4%	5%
13	92	6%	-2%
14	93	3%	-2%
15	85	6%	-11%
16	89	-2%	-6%



## 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
7564lx	1891lx	840lx	473lx	303lx	210lx	154lx	118lx	93lx	76lx	63lx	53lx	45lx	39lx	34lx	30lx	26lx	23lx	21lx	19lx
702.7fc	175.7fc	78.1fc	43.9fc	28.1fc	19.5fc	14.3fc	11fc	8.7fc	7fc	5.8fc	4.9fc	4.2fc	3.6fc	3.1fc	2.7fc	2.4fc	2.2fc	1.9fc	1.8fc

### 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°
7564	7486	7322	7081	6781	6418	5993	5527	5020	4481	3931	3385	2859	2365	1910	1507	1167	890	669	501
100%	99%	97%	94%	90%	85%	79%	73%	66%	59%	52%	45%	38%	31%	25%	20%	15%	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°
7564	7510	7348	7107	6804	6440	6009	5519	4976	4404	3827	3259	2715	2201	1739	1347	1021	760	560	410
100%	99%	97%	94%	90%	85%	79%	73%	66%	58%	51%	43%	36%	29%	23%	18%	14%	10%	7%	5%

### 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°
7564	7486	7322	7081	6781	6418	5993	5527	5020	4481	3931	3385	2859	2365	1910	1507	1167	890	669	501
100%	99%	97%	94%	90%	85%	79%	73%	66%	59%	52%	45%	38%	31%	25%	20%	15%	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°
7564	7510	7348	7107	6804	6440	6009	5519	4976	4404	3827	3259	2715	2201	1739	1347	1021	760	560	410
100%	99%	97%	94%	90%	85%	79%	73%	66%	58%	51%	43%	36%	29%	23%	18%	14%	10%	7%	5%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
20.3°	34.6°	44.2°	99.5%	99.3%