

## Photometric / Colorimetric / Electric Report

Fixture Model:

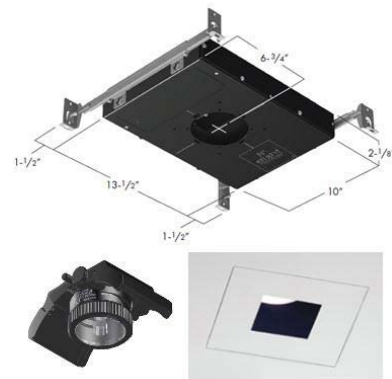
**805-J5-TW-40-4700K-DAL2-8.5-700-FS-P-1-WH**

Trim Model:

**FS-P-1-WH**

Date:

**2/3/2025**



Light efficiency:

**59 Lumen/Watt**

Light quality:

**CRI: 92.9**

Color temperature:

**4683 K**

CIE 1931:

**x: 0.355  
y: 0.364**

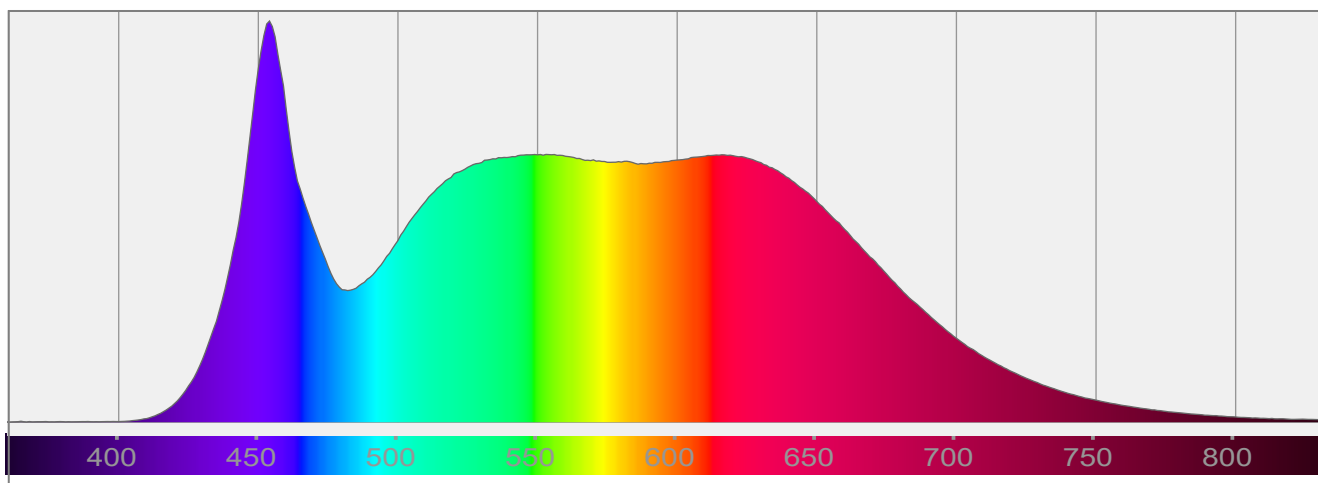
**Output: 915 lm**

**Peak: 2098 cd**

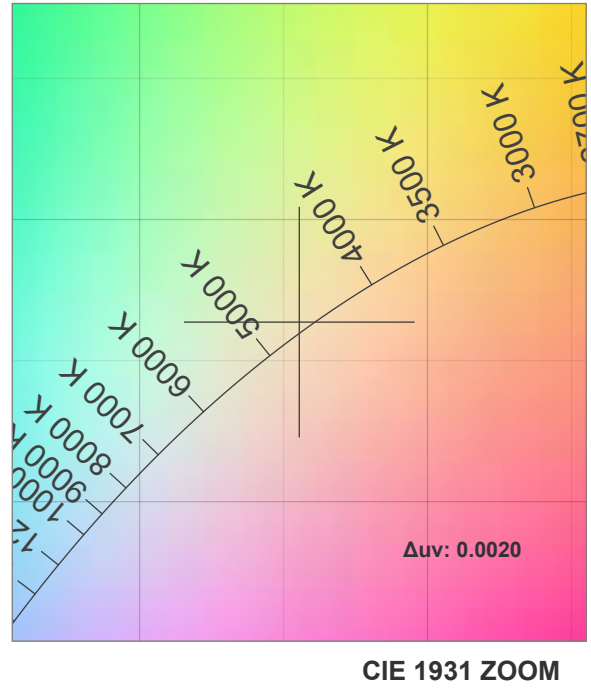
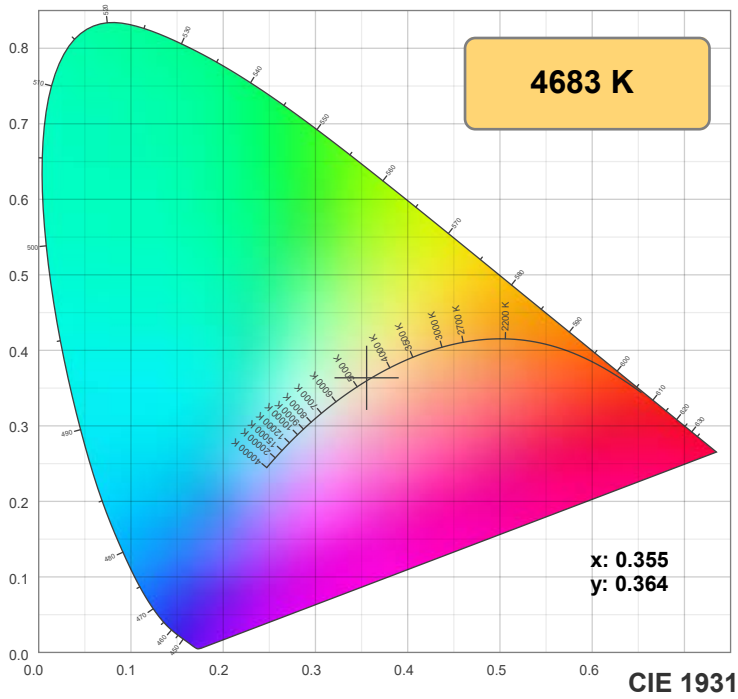
**Power: 15.5 W**

**PF: 0.99**

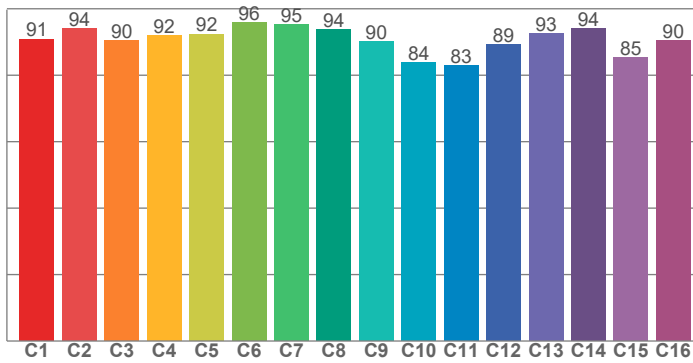
Spectra:



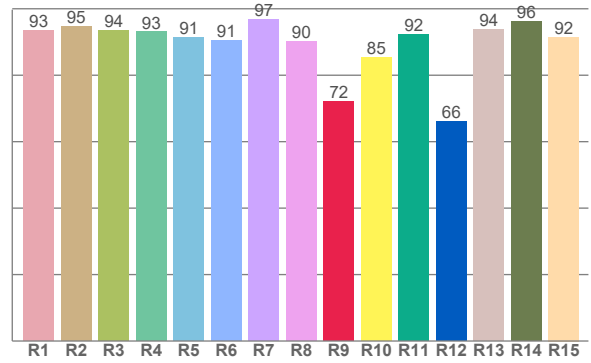
## Color Details



**TM-30: 90.7**



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



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	94.6	93.6	93.0	91.4	90.6	96.7	90.1	72.1	85.3	92.2	66.1	93.8	96.1	91.5

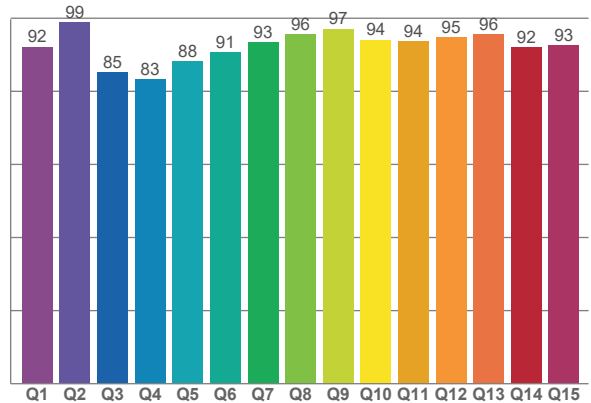
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
90.9	94.0	90.4	92.0	92.4	95.7	95.4	93.8	90.0	83.9	82.8	89.3	92.7	94.1	85.3	90.4

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.2	98.9	85.2	83.3	88.2	90.7	93.5	95.7	97.1	94.1	93.8	94.9	95.6	92.0	92.6

**CQS: 91.5**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
4683 K	92.9	72.1	90.7	99.3	91.5	0.355	0.364	0.214	0.328	0.0020

# TM-30 Details

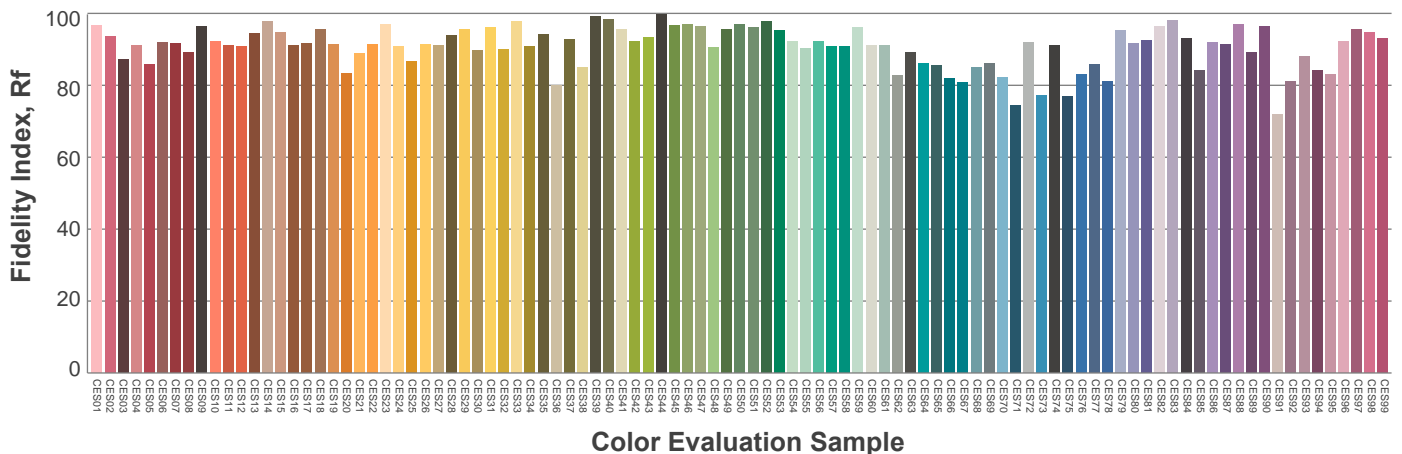
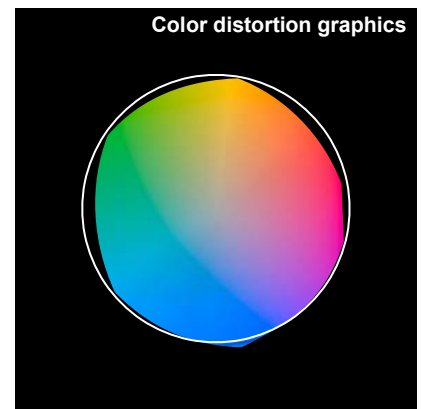
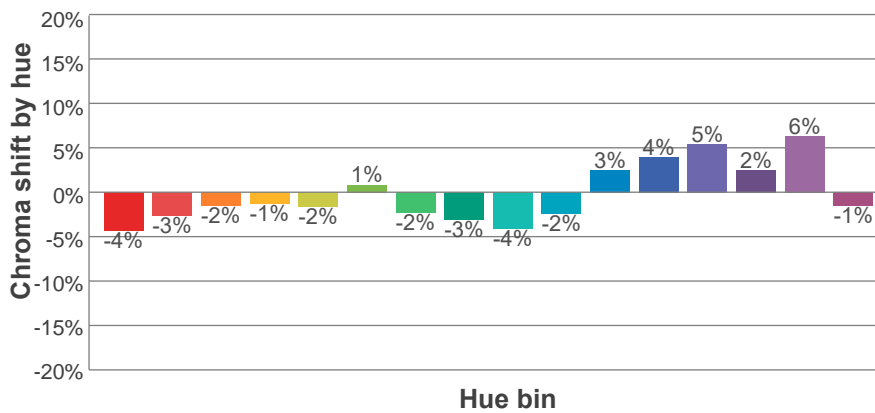
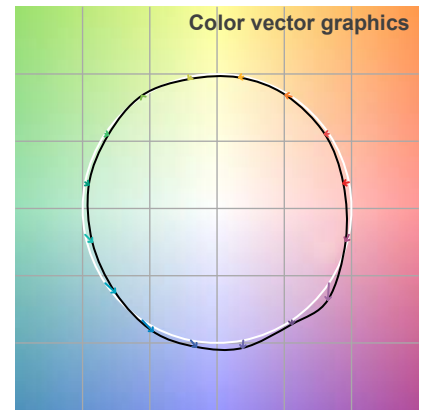
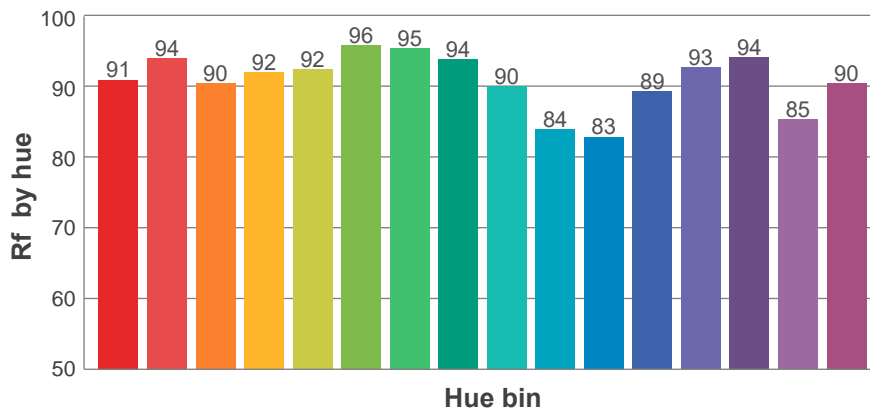
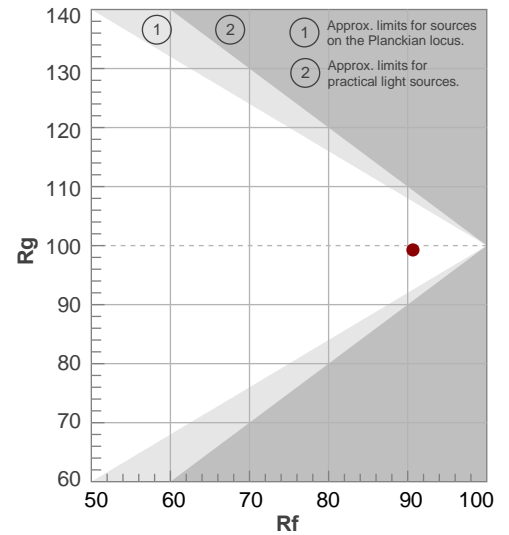
**Rf 90.7**

Fidelity index Rf

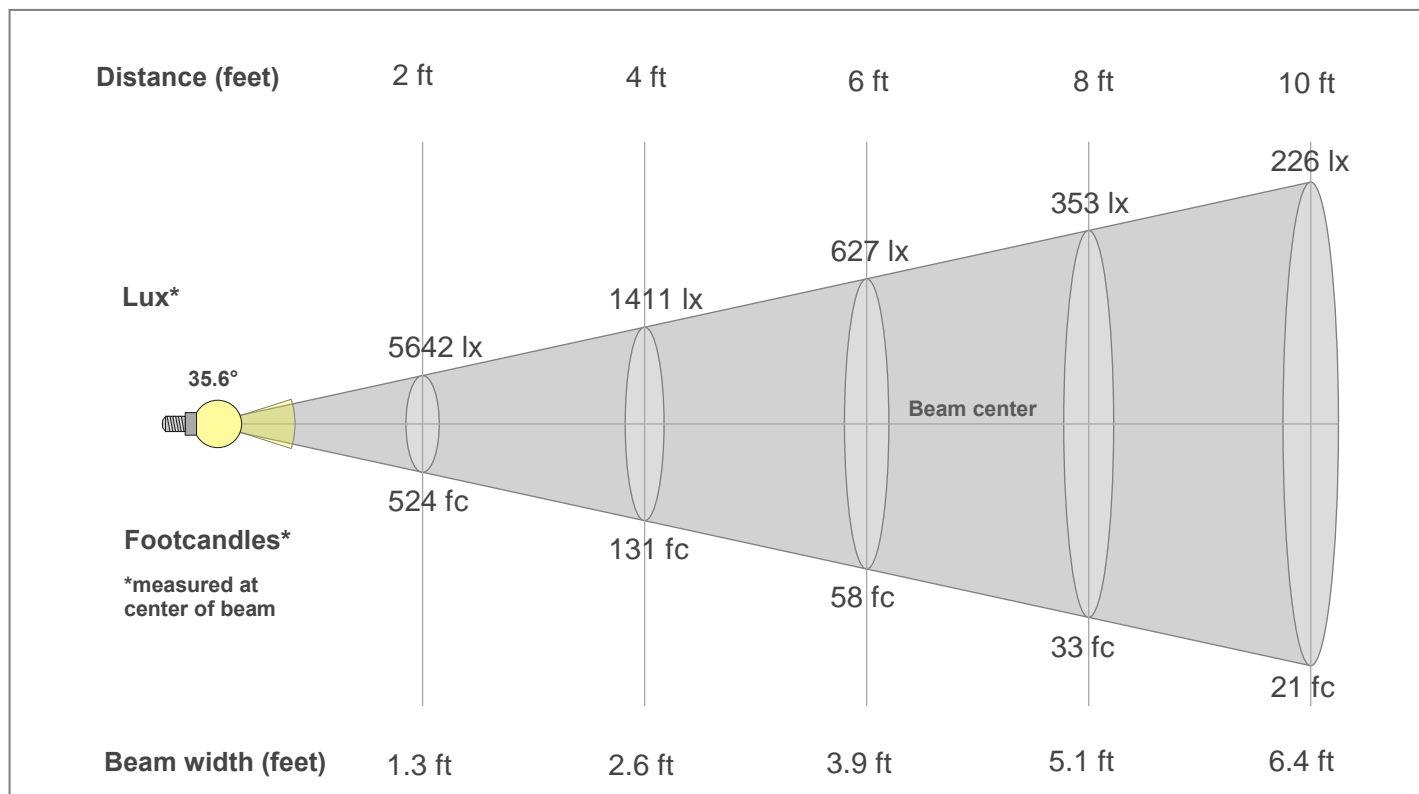
**Rg 99.3**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	91	-4%	0%
2	94	-3%	1%
3	90	-2%	5%
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%	10%
11	83	3%	11%
12	89	4%	5%
13	93	5%	-2%
14	94	2%	-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
2097lx	524lx	233lx	131lx	84lx	58lx	43lx	33lx	26lx	21lx	17lx	15lx	12lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx
194.8fc	48.7fc	21.6fc	12.2fc	7.8fc	5.4fc	4fc	3fc	2.4fc	1.9fc	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°
2097	2079	2022	1935	1822	1684	1533	1371	1200	1030	868	719	587	473	379	297	229	174	130	98
100%	99%	96%	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°
2097	2080	2028	1937	1822	1686	1533	1370	1203	1033	871	719	588	475	378	298	230	175	133	100
100%	99%	97%	92%	87%	80%	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°
2097	2079	2022	1935	1822	1684	1533	1371	1200	1030	868	719	587	473	379	297	229	174	130	98
100%	99%	96%	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°
2097	2080	2028	1937	1822	1686	1533	1370	1203	1033	871	719	588	475	378	298	230	175	133	100
100%	99%	97%	92%	87%	80%	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°	65.3°	85.1°	99.6%	97.8%