

## Photometric / Colorimetric / Electric Report

Fixture Model:

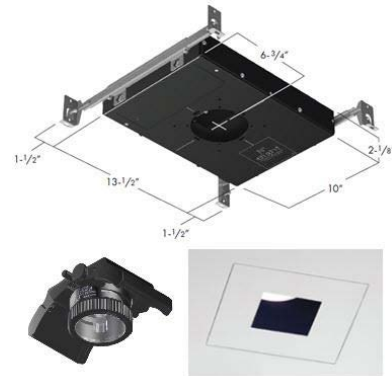
**805-J5-WD-2-25-PR1-8.5-350-FS-P-1-WH**

Trim Model:

**FS-P-1-WH**

Date:

**1/24/2024**



Light efficiency:

**47 Lumen/Watt**

Light quality:

**CRI: 97.2**

Color temperature:

**2926 K**

CIE 1931:

**x: 0.439  
y: 0.400**

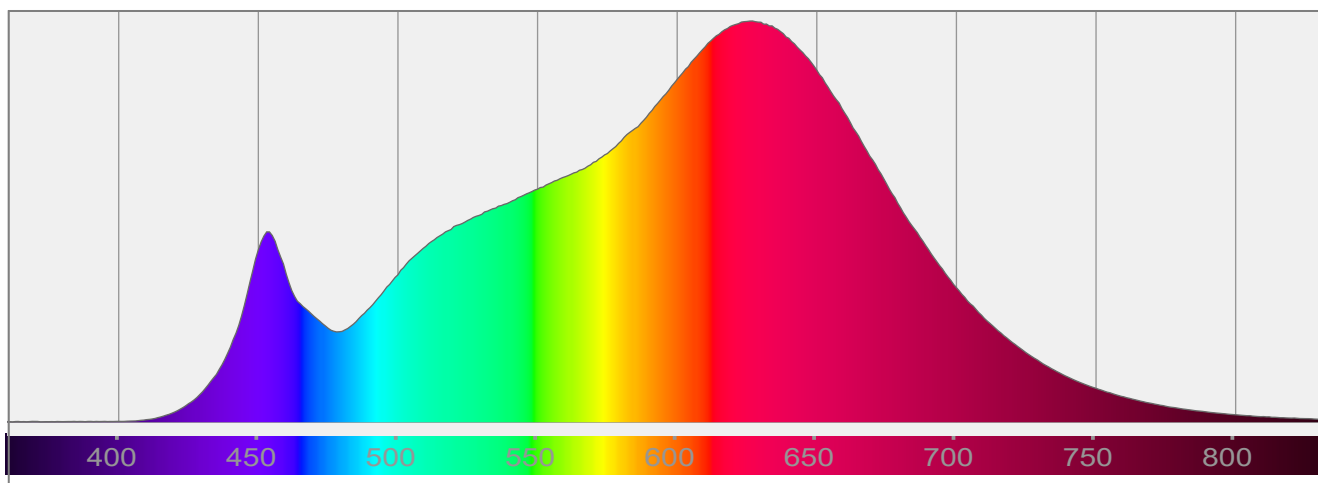
**Output: 697 lm**

**Peak: 2270 cd**

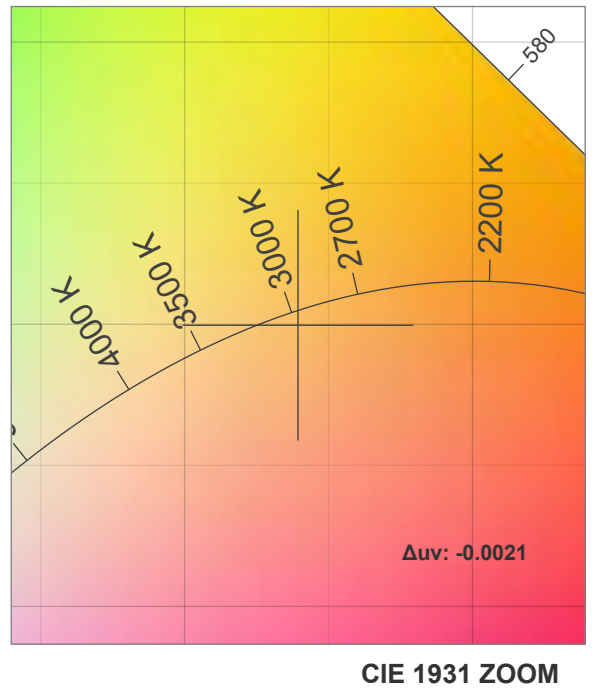
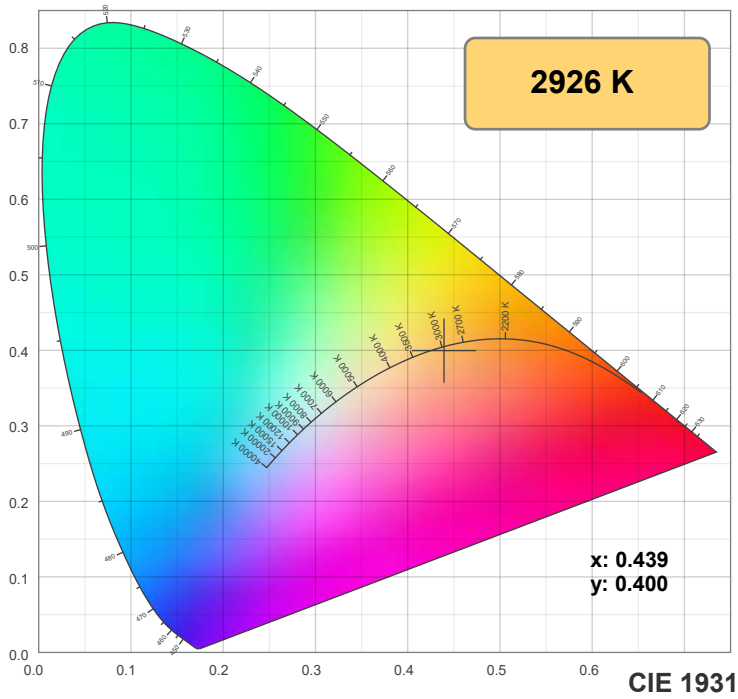
**Power: 14.8 W**

**PF: 0.99**

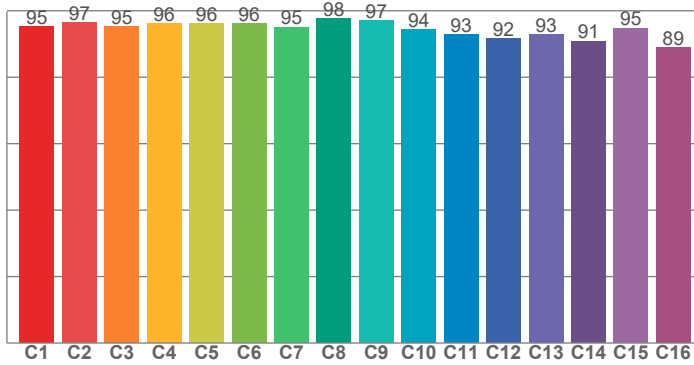
Spectra:



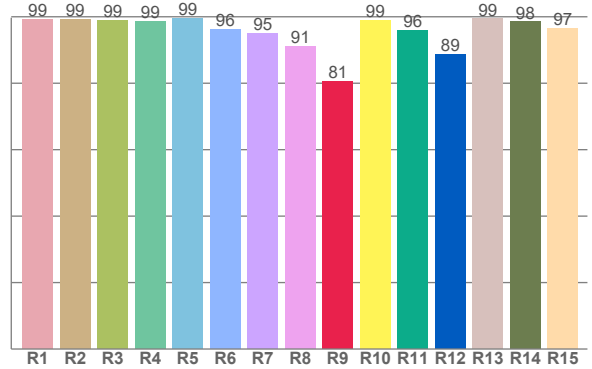
## Color Details



**TM-30: 94.7**



**CRI: 97.2 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.2	99.2	98.8	98.6	99.5	96.1	94.9	91.1	80.6	99.0	96.0	88.6	99.4	98.4	96.6

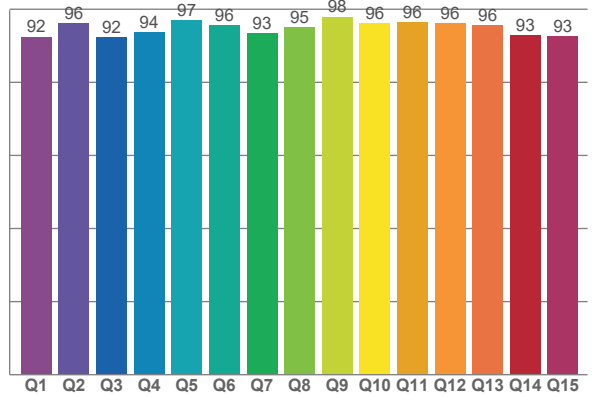
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.3	96.5	95.2	96.3	96.1	96.1	95.1	97.7	97.0	94.4	93.0	91.7	92.9	90.9	94.8	89.0

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
92.5	96.2	92.3	93.7	97.0	95.5	93.4	95.0	97.9	96.2	96.5	96.1	95.7	92.8	92.6

**CQS: 94.4**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2926 K	97.2	80.6	94.7	101.1	94.4	0.439	0.400	0.254	0.347	-0.0021

# TM-30 Details

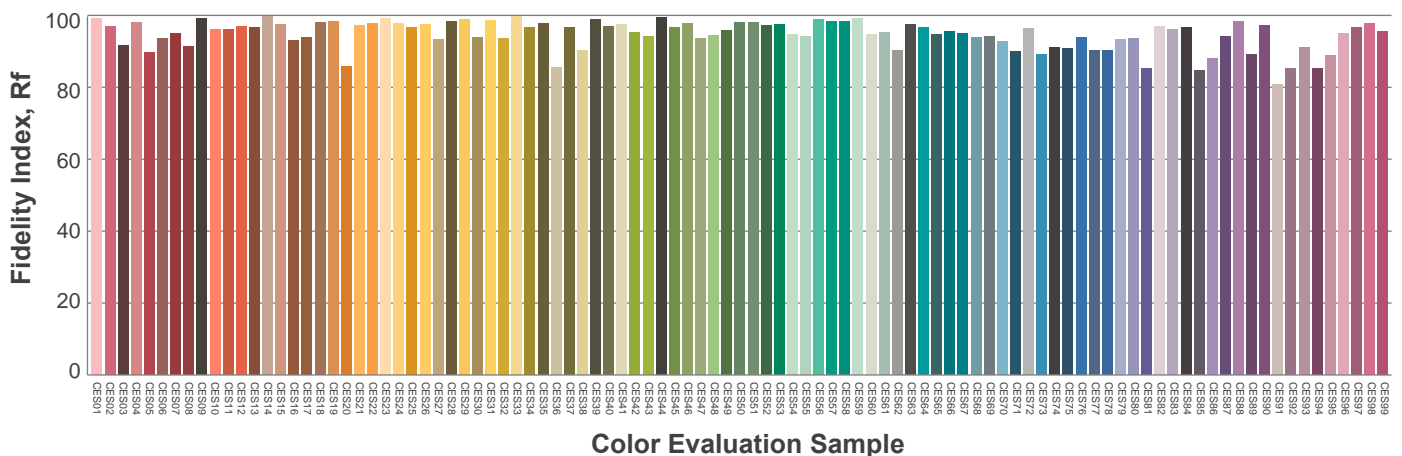
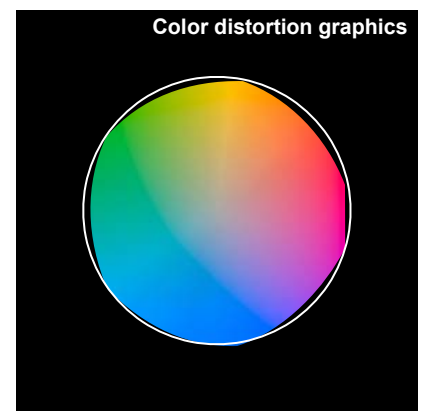
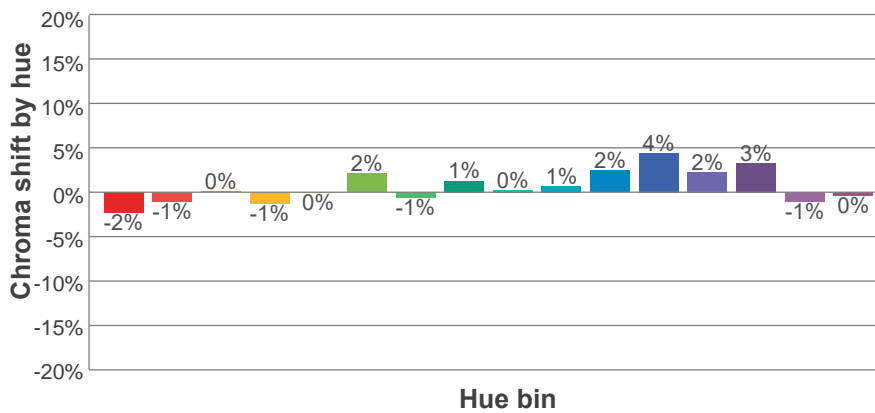
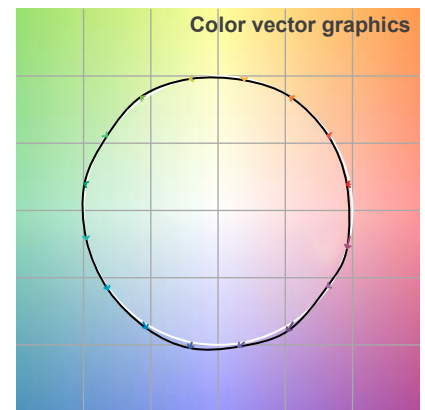
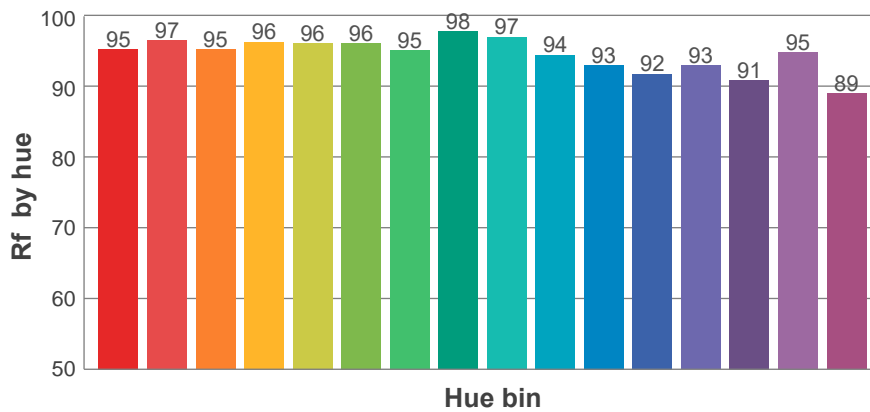
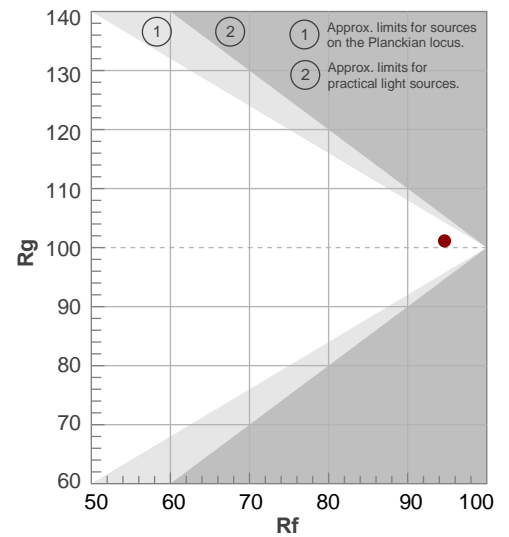
**Rf 94.7**

Fidelity index Rf

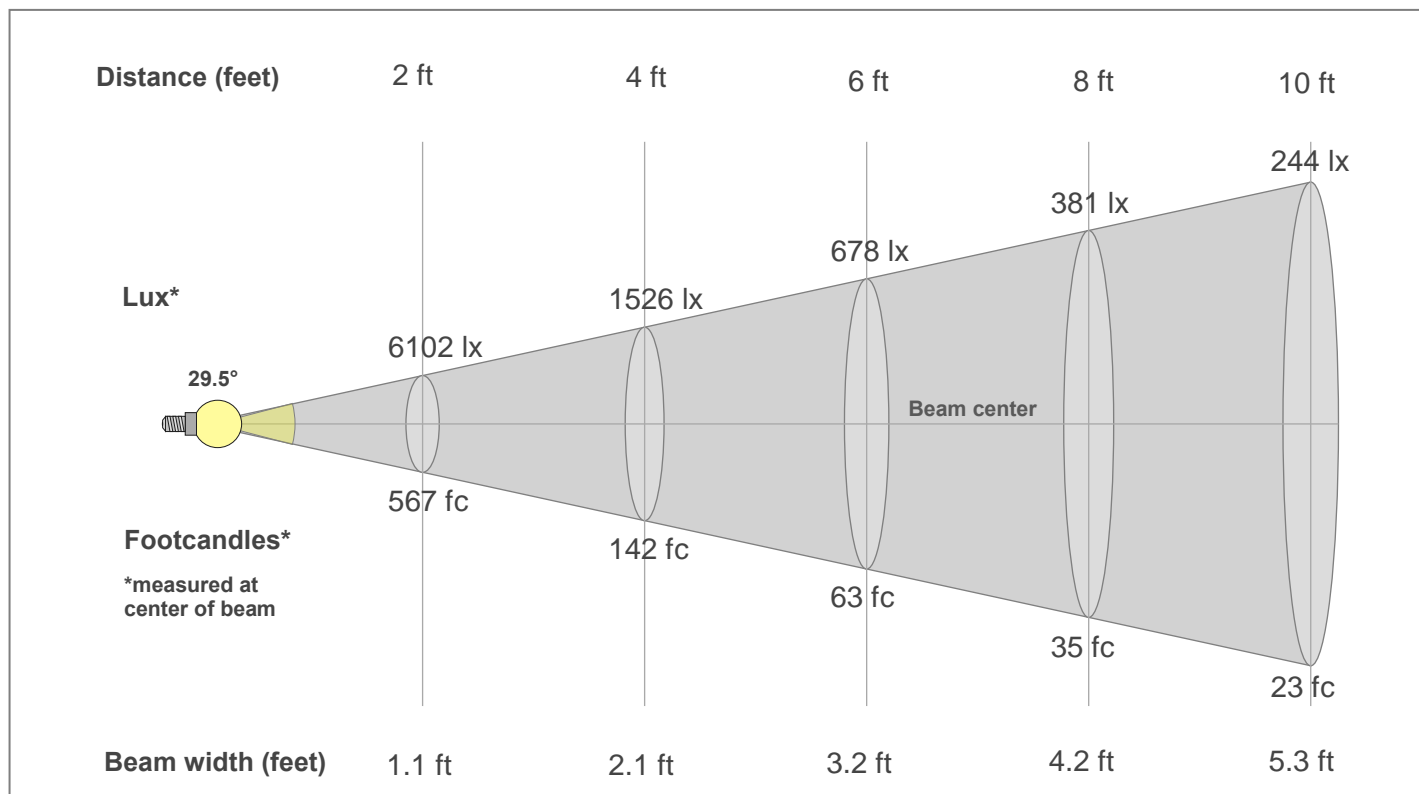
**Rg 101.1**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	95	-2%	0%
2	97	-1%	1%
3	95	0%	2%
4	96	-1%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	97	0%	2%
10	94	1%	3%
11	93	2%	5%
12	92	4%	-1%
13	93	2%	-5%
14	91	3%	-7%
15	95	-1%	-2%
16	89	0%	-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
2268lx	567lx	252lx	142lx	91lx	63lx	46lx	35lx	28lx	23lx	19lx	16lx	13lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx
210.7fc	52.7fc	23.4fc	13.2fc	8.4fc	5.9fc	4.3fc	3.3fc	2.6fc	2.1fc	1.7fc	1.5fc	1.2fc	1.1fc	0.9fc	0.8fc	0.7fc	0.7fc	0.6fc	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°
2268	2242	2157	2023	1857	1660	1443	1224	1005	807	636	494	387	298	228	169	119	81	52	31
100%	99%	95%	89%	82%	73%	64%	54%	44%	36%	28%	22%	17%	13%	10%	7%	5%	4%	2%	1%

### 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°
2268	2238	2154	2019	1849	1652	1435	1208	990	790	619	479	372	286	217	160	114	77	49	30
100%	99%	95%	89%	82%	73%	63%	53%	44%	35%	27%	21%	16%	13%	10%	7%	5%	3%	2%	1%

### 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°
2268	2242	2157	2023	1857	1660	1443	1224	1005	807	636	494	387	298	228	169	119	81	52	31
100%	99%	95%	89%	82%	73%	64%	54%	44%	36%	28%	22%	17%	13%	10%	7%	5%	4%	2%	1%

### 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°
2268	2238	2154	2019	1849	1652	1435	1208	990	790	619	479	372	286	217	160	114	77	49	30
100%	99%	95%	89%	82%	73%	63%	53%	44%	35%	27%	21%	16%	13%	10%	7%	5%	3%	2%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
29.5°	55.7°	71°	99.6%	99.2%