

## Photometric / Colorimetric / Electric Report

Fixture Model:

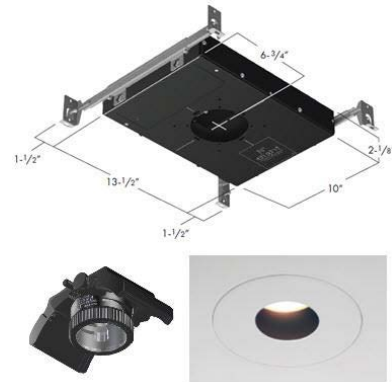
**805-J5-WD-4-15-PR1-8.5-350-FR-P-1-WH**

Trim Model:

**FR-P-1-WH**

Date:

**8/2/2024**



Light efficiency:

**60 Lumen/Watt**

Light quality:

**CRI: 96.7**

Color temperature:

**2995 K**

CIE 1931:

**x: 0.436  
y: 0.401**

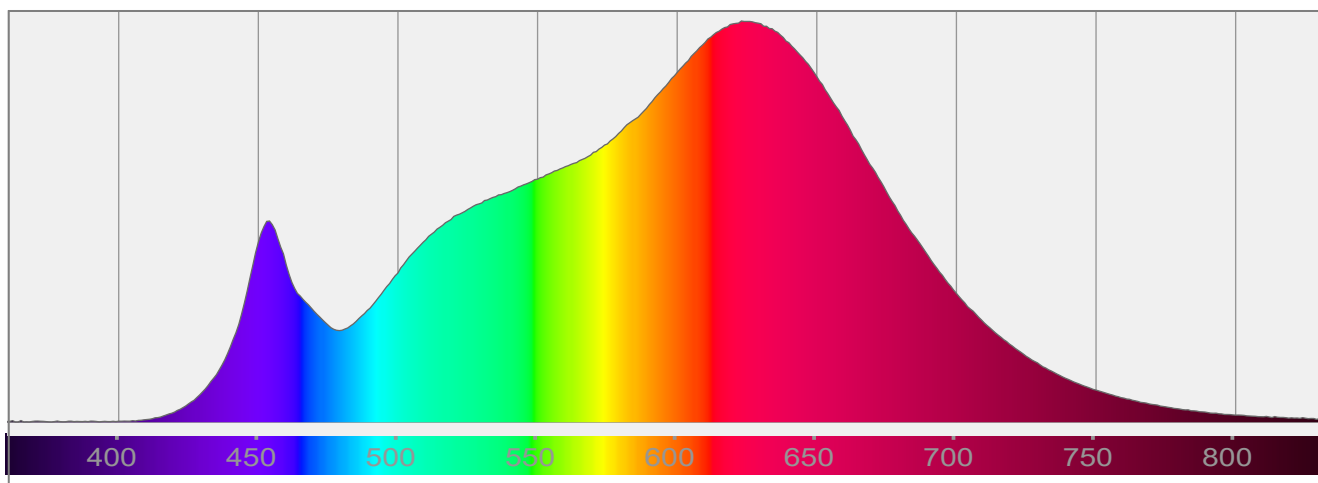
**Output: 879 lm**

**Peak: 4108 cd**

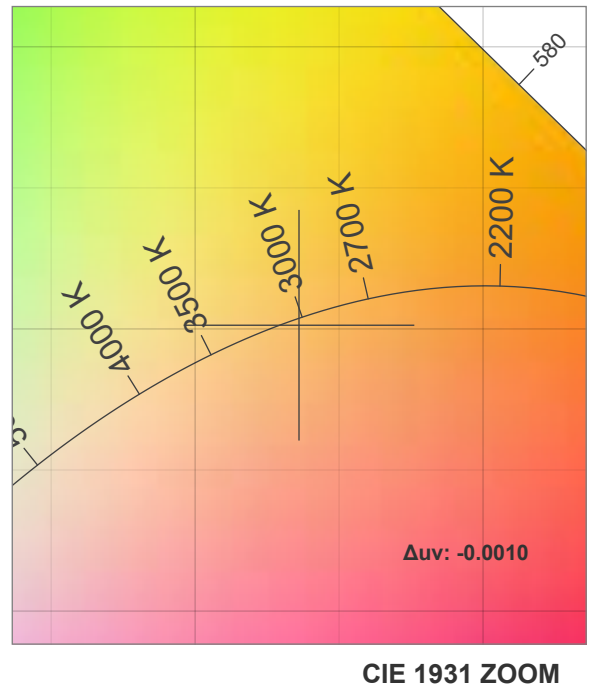
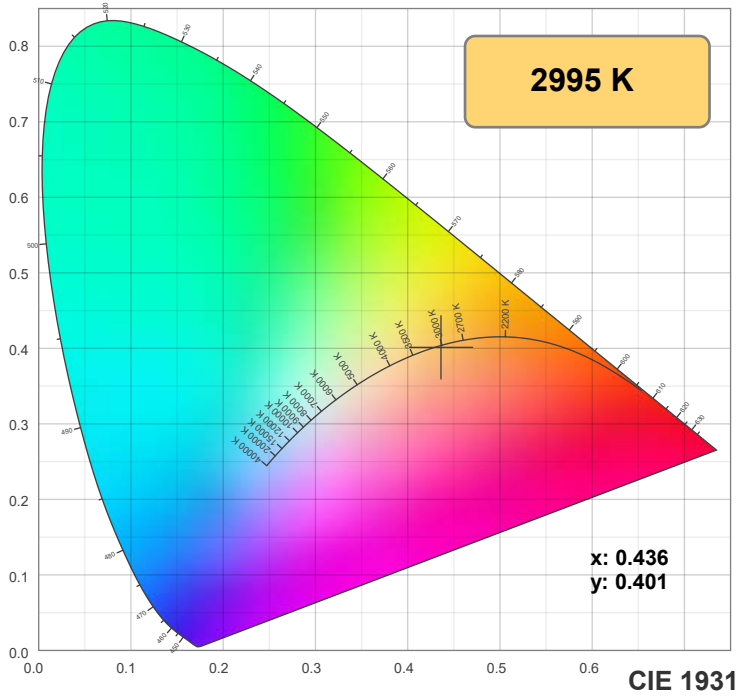
**Power: 14.7 W**

**PF: 0.99**

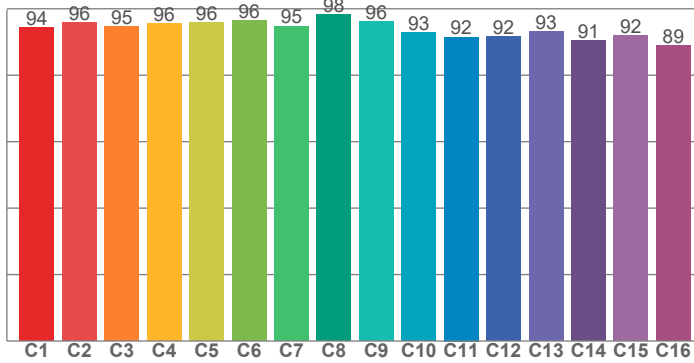
Spectra:



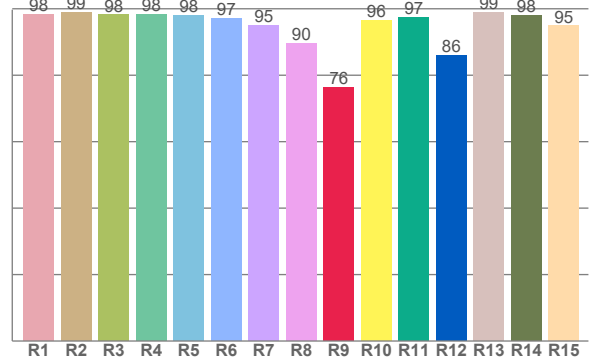
## Color Details



**TM-30: 94.1**



**CRI: 96.7 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.3	99.0	98.1	98.3	98.0	97.1	94.9	89.6	76.3	96.5	97.3	86.0	98.9	98.0	94.8

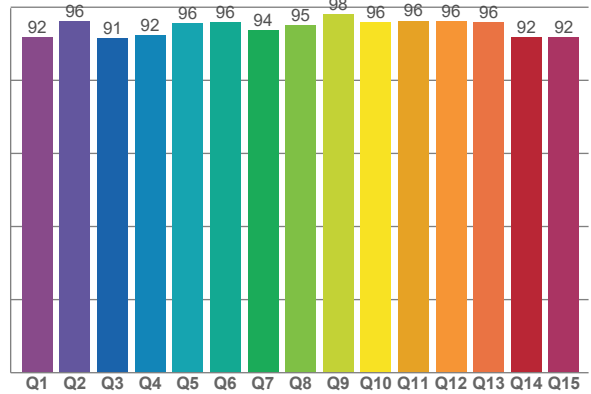
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
94.4	95.9	94.7	95.6	95.7	96.5	94.8	98.3	96.1	92.8	91.5	91.5	93.1	90.5	91.8	88.9

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
91.8	96.2	91.4	92.4	95.7	95.9	93.6	95.1	98.1	95.9	96.3	96.2	95.9	91.9	91.7

**CQS: 94.0**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2995 K	96.7	76.3	94.1	100.5	94.0	0.436	0.401	0.251	0.347	-0.0010

# TM-30 Details

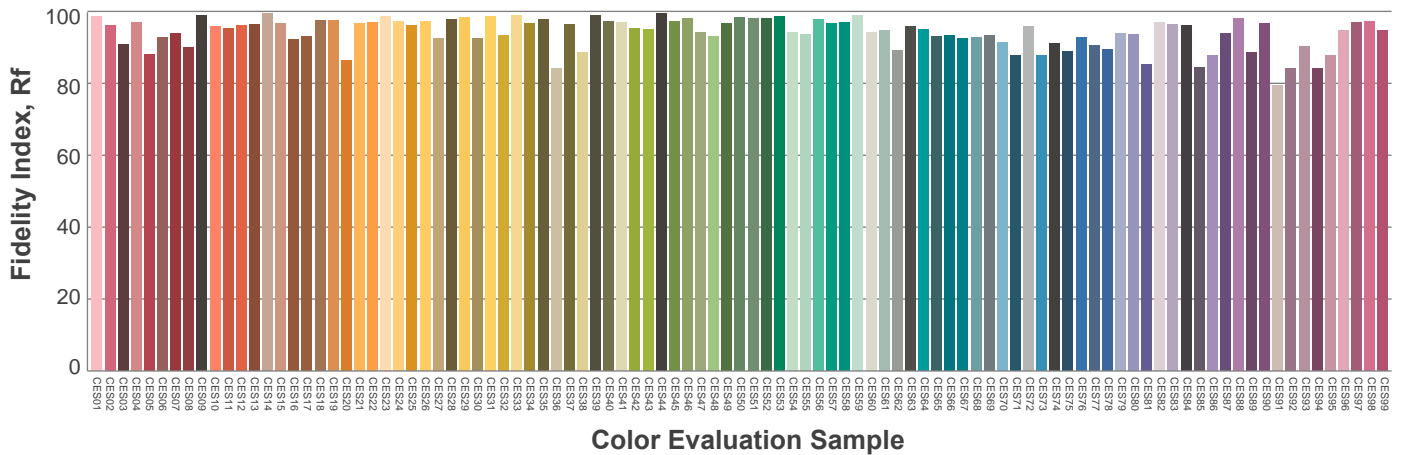
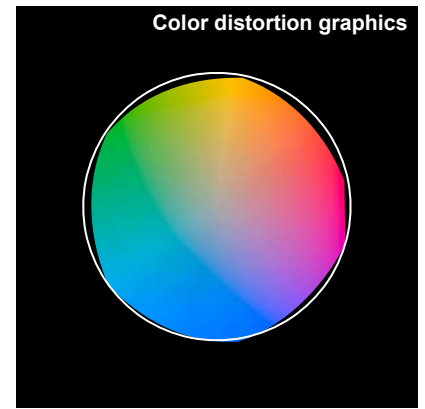
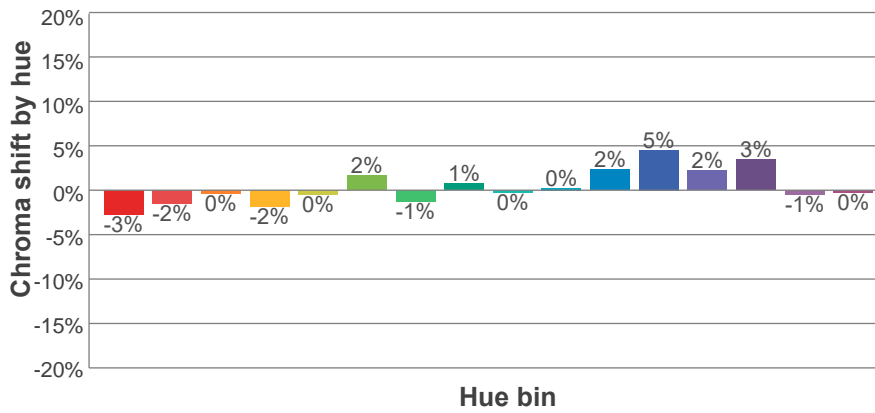
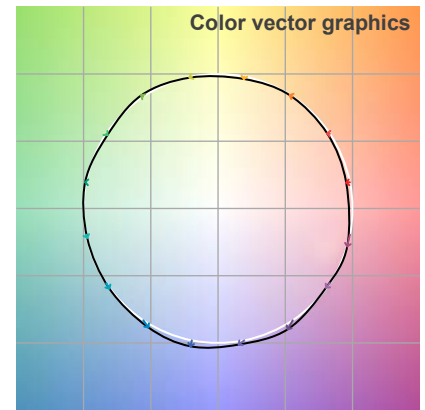
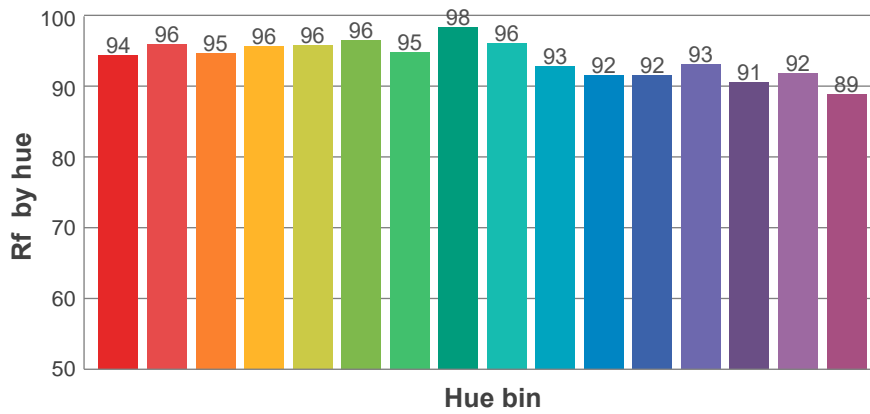
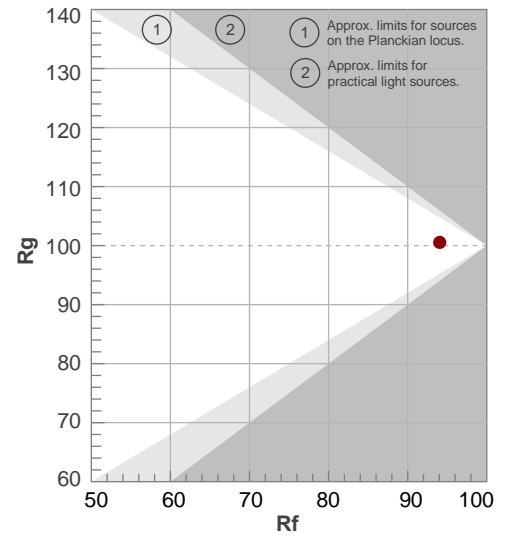
**Rf 94.1**

Fidelity index Rf

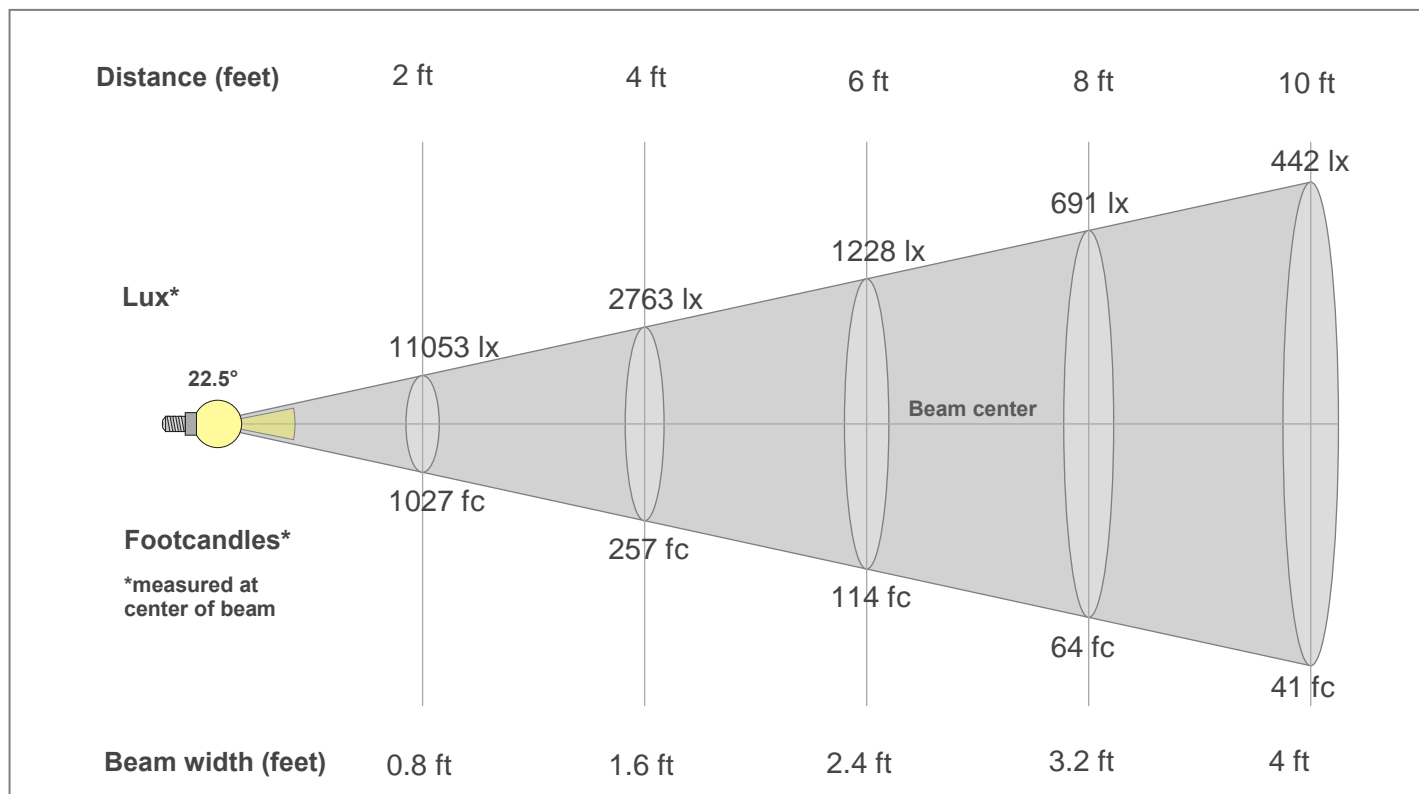
**Rg 100.5**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	94	-3%	0%
2	96	-2%	1%
3	95	0%	2%
4	96	-2%	0%
5	96	0%	2%
6	96	2%	1%
7	95	-1%	0%
8	98	1%	0%
9	96	0%	2%
10	93	0%	5%
11	92	2%	6%
12	92	5%	0%
13	93	2%	-5%
14	91	3%	-7%
15	92	-1%	-4%
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
4107lx	1027lx	456lx	257lx	164lx	114lx	84lx	64lx	51lx	41lx	34lx	29lx	24lx	21lx	18lx	16lx	14lx	13lx	11lx	10lx
381.6fc	95.4fc	42.4fc	23.8fc	15.3fc	10.6fc	7.8fc	6fc	4.7fc	3.8fc	3.2fc	2.6fc	2.3fc	1.9fc	1.7fc	1.5fc	1.3fc	1.2fc	1.1fc	1fc

### 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°
4107	4031	3797	3415	2918	2373	1867	1445	1113	858	661	509	390	302	232	173	125	86	55	34
100%	98%	92%	83%	71%	58%	45%	35%	27%	21%	16%	12%	9%	7%	6%	4%	3%	2%	1%	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°
4107	4036	3825	3452	2961	2411	1881	1428	1082	822	626	477	365	279	212	157	113	78	51	32
100%	98%	93%	84%	72%	59%	46%	35%	26%	20%	15%	12%	9%	7%	5%	4%	3%	2%	1%	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°
4107	4031	3797	3415	2918	2373	1867	1445	1113	858	661	509	390	302	232	173	125	86	55	34
100%	98%	92%	83%	71%	58%	45%	35%	27%	21%	16%	12%	9%	7%	6%	4%	3%	2%	1%	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°
4107	4036	3825	3452	2961	2411	1881	1428	1082	822	626	477	365	279	212	157	113	78	51	32
100%	98%	93%	84%	72%	59%	46%	35%	26%	20%	15%	12%	9%	7%	5%	4%	3%	2%	1%	1%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
22.5°	46.7°	65.6°	99.2%	98.8%