

## Photometric / Colorimetric / Electric Report

Fixture Model:

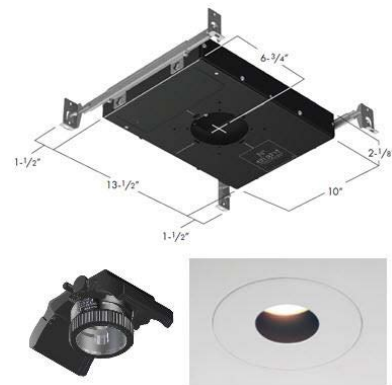
**805-J5-HI-3-40-PR1-8.5-350-FR-P-1-WH**

Trim Model:

**FR-P-1-WH**

Date:

**1/10/2025**



Light efficiency:

**57 Lumen/Watt**

Light quality:

**CRI: 97.2**

Color temperature:

**3013 K**

CIE 1931:

**x: 0.435  
y: 0.400**

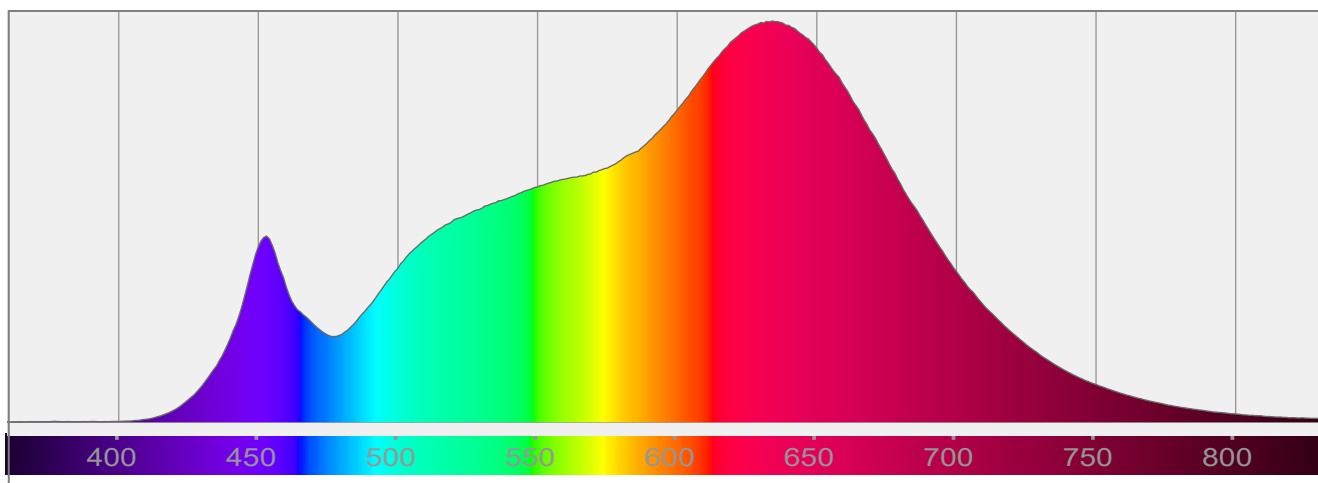
**Output: 845 lm**

**Peak: 2168 cd**

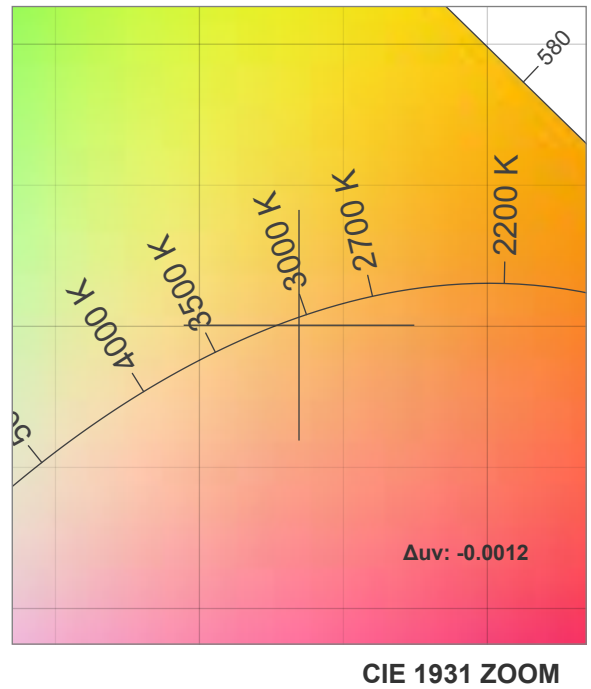
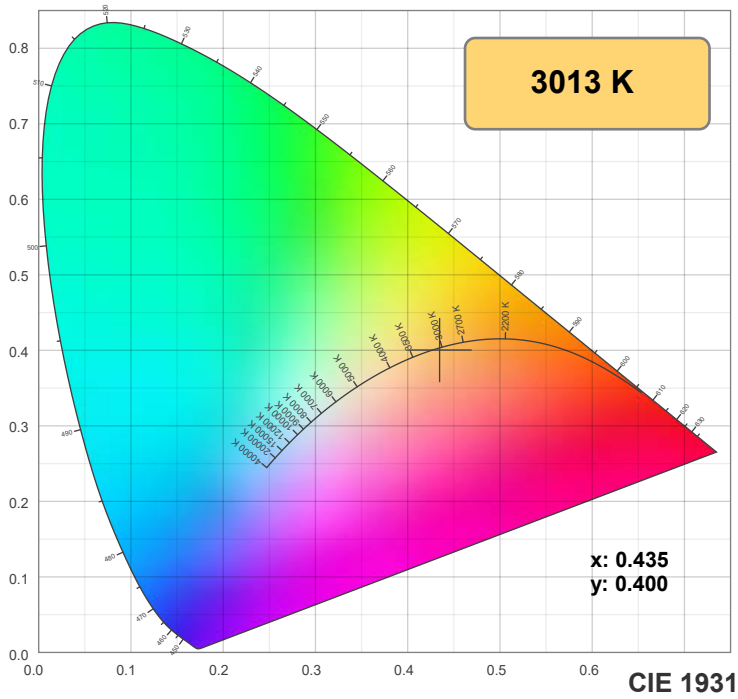
**Power: 14.7 W**

**PF: 0.99**

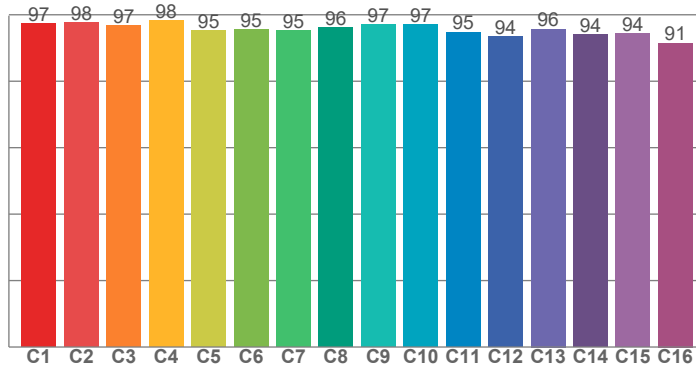
Spectra:



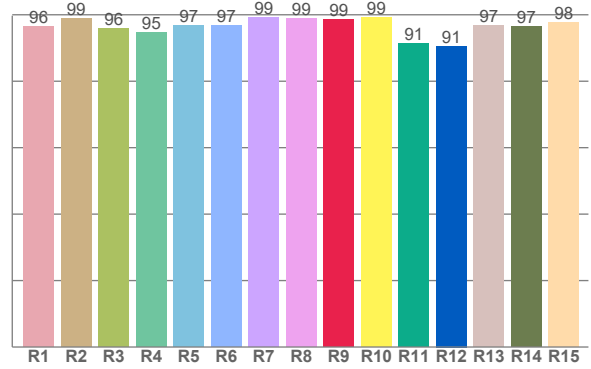
## Color Details



**TM-30: 95.9**



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



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.4	99.0	95.8	94.8	96.8	96.9	99.1	98.9	98.6	99.3	91.4	90.6	96.8	96.6	97.7

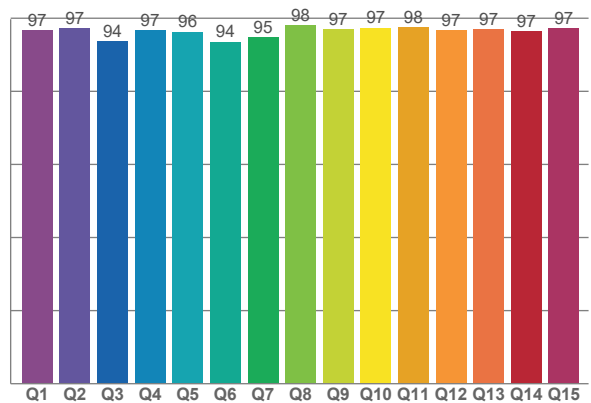
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.3	97.7	96.7	98.2	95.4	95.5	95.3	96.1	97.0	97.0	94.8	93.5	95.7	94.1	94.4	91.5

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.8	97.4	93.8	96.8	96.3	93.6	94.7	98.0	97.1	97.4	97.6	96.7	96.9	96.5	97.2

**CQS: 96.1**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3013 K	97.2	98.6	95.9	102.7	96.1	0.435	0.400	0.251	0.346	-0.0012

# TM-30 Details

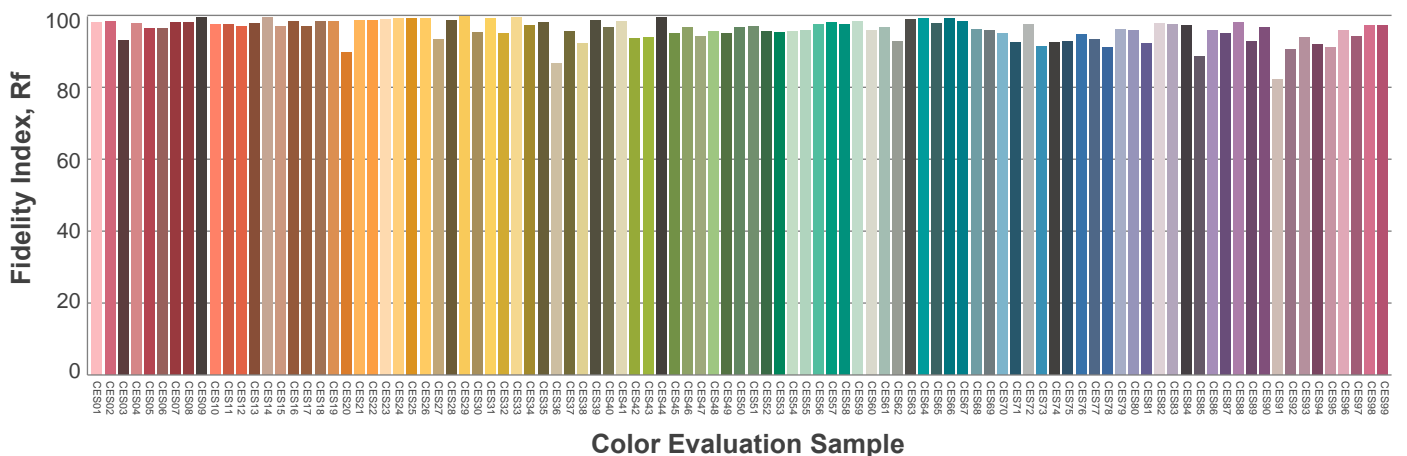
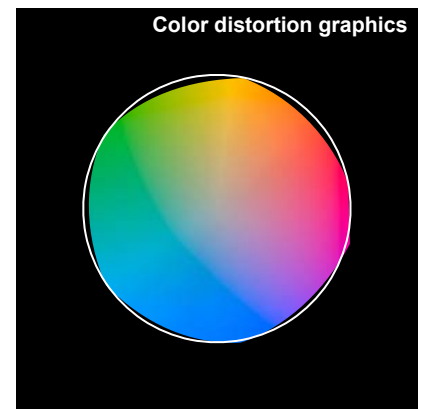
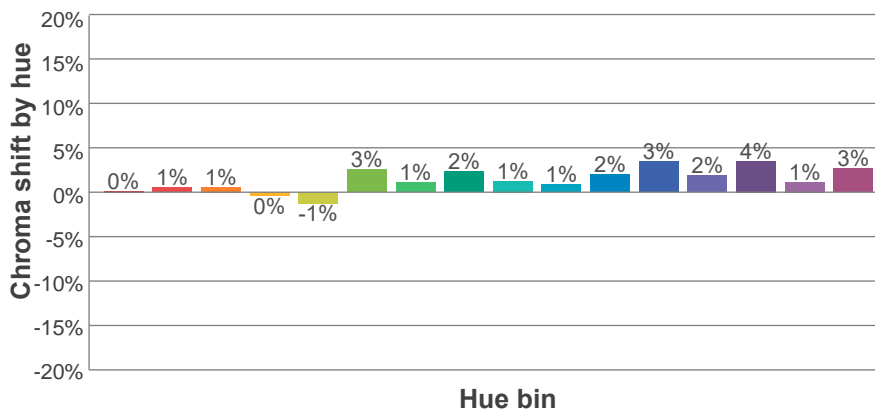
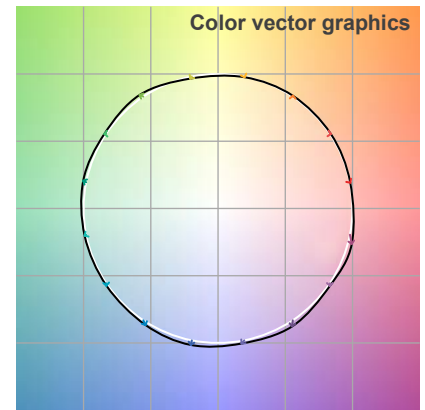
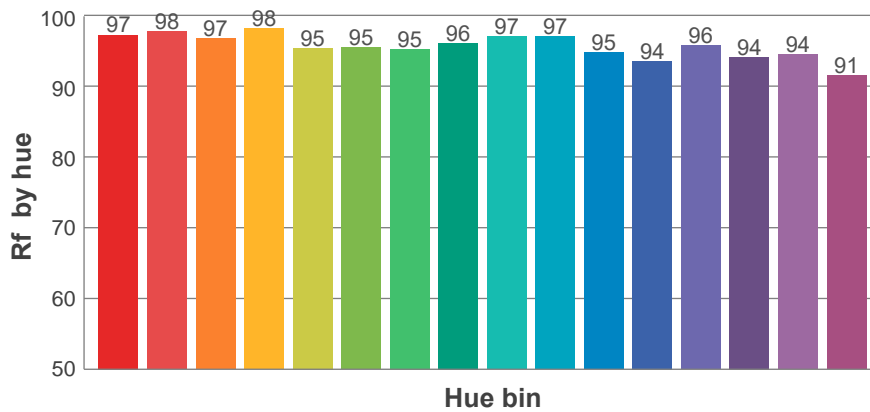
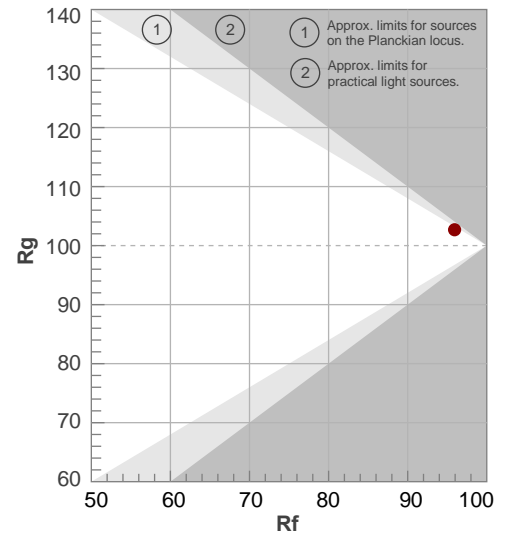
**Rf 95.9**

Fidelity index Rf

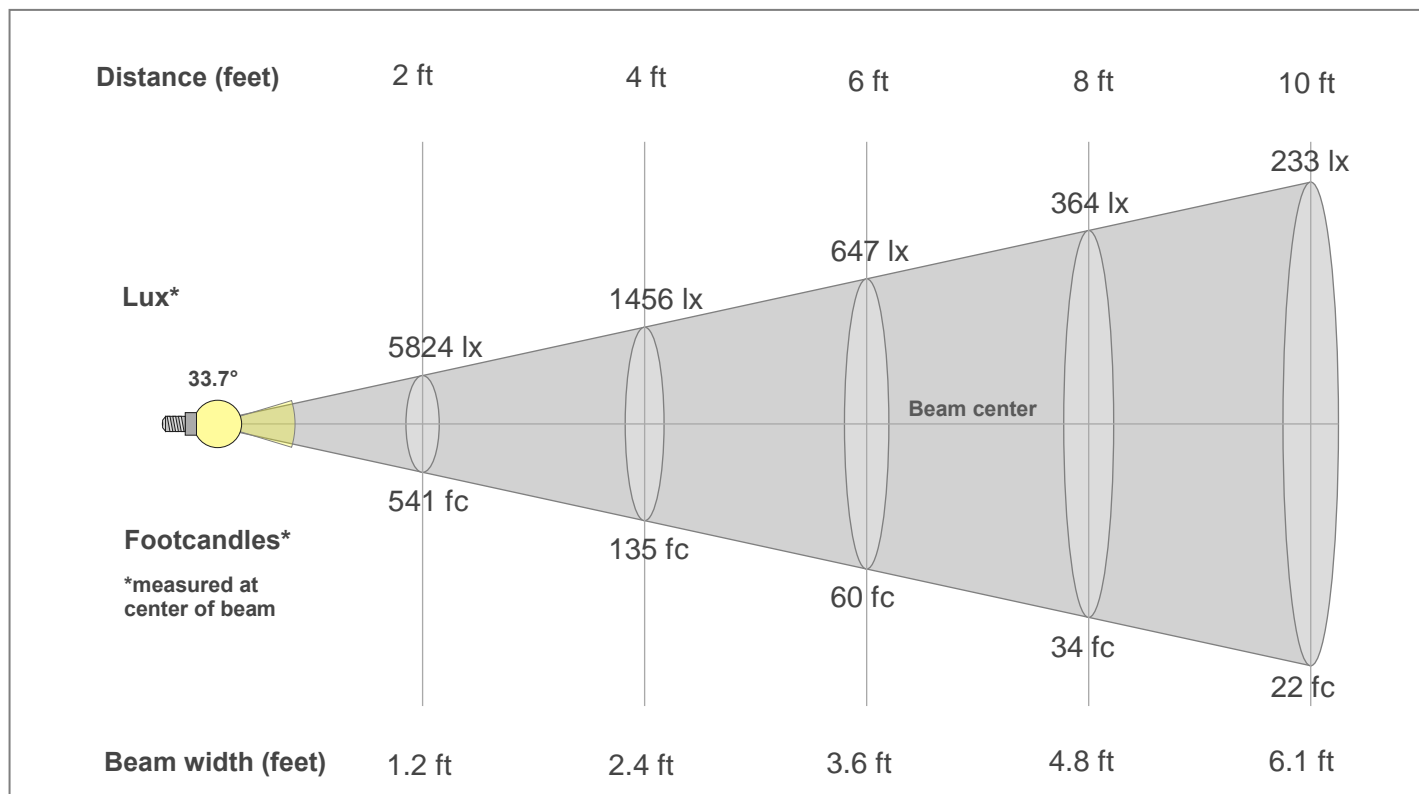
**Rg 102.7**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	98	1%	-1%
3	97	1%	0%
4	98	0%	0%
5	95	-1%	1%
6	95	3%	2%
7	95	1%	1%
8	96	2%	-1%
9	97	1%	0%
10	97	1%	2%
11	95	2%	3%
12	94	3%	0%
13	96	2%	-2%
14	94	4%	-3%
15	94	1%	-2%
16	91	3%	-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
2164lx	541lx	240lx	135lx	87lx	60lx	44lx	34lx	27lx	22lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
201.1fc	50.3fc	22.3fc	12.6fc	8fc	5.6fc	4.1fc	3.1fc	2.5fc	2fc	1.7fc	1.4fc	1.2fc	1fc	0.9fc	0.8fc	0.7fc	0.6fc	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°
2164	2146	2082	1979	1850	1696	1524	1345	1161	975	799	644	512	400	308	235	176	131	97	72
100%	99%	96%	91%	85%	78%	70%	62%	54%	45%	37%	30%	24%	18%	14%	11%	8%	6%	4%	3%

### 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°
2164	2142	2081	1979	1849	1697	1526	1346	1162	976	802	647	516	405	312	240	180	133	99	75
100%	99%	96%	91%	85%	78%	70%	62%	54%	45%	37%	30%	24%	19%	14%	11%	8%	6%	5%	3%

### 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°
2164	2146	2082	1979	1850	1696	1524	1345	1161	975	799	644	512	400	308	235	176	131	97	72
100%	99%	96%	91%	85%	78%	70%	62%	54%	45%	37%	30%	24%	18%	14%	11%	8%	6%	4%	3%

### 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°
2164	2142	2081	1979	1849	1697	1526	1346	1162	976	802	647	516	405	312	240	180	133	99	75
100%	99%	96%	91%	85%	78%	70%	62%	54%	45%	37%	30%	24%	19%	14%	11%	8%	6%	5%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
33.7°	61.3°	80.5°	99.6%	97.9%