

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-J5-HI-3-40-PR1-8.5-350-FS-LG-P-1-WH-NL**

Trim Model:

**FS-LG-P-1-WH/NL**

Date:

**1/15/2025**



Light efficiency:

**62 Lumen/Watt**

Light quality:

**CRI: 97.2**

Color temperature:

**3017 K**

CIE 1931:

**x: 0.434  
y: 0.400**

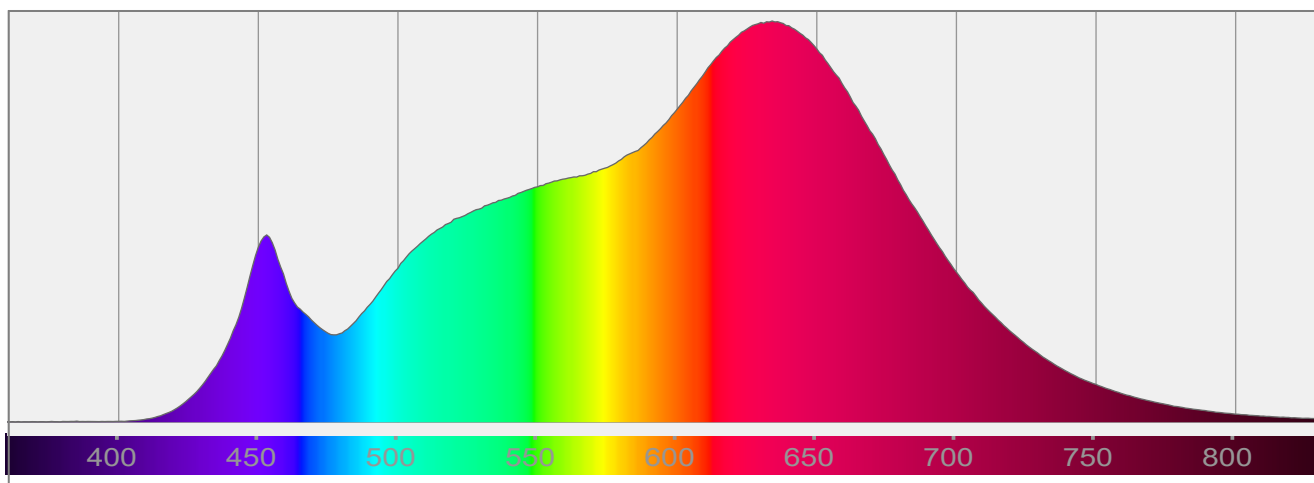
**Output: 903 lm**

**Peak: 2146 cd**

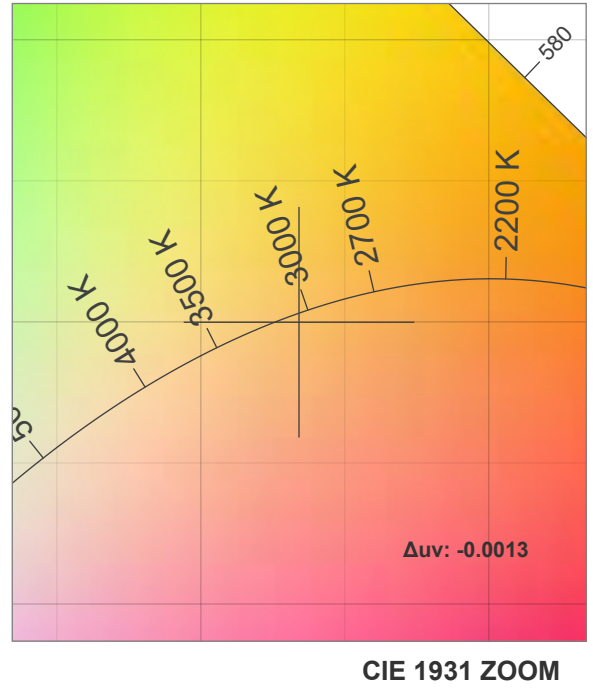
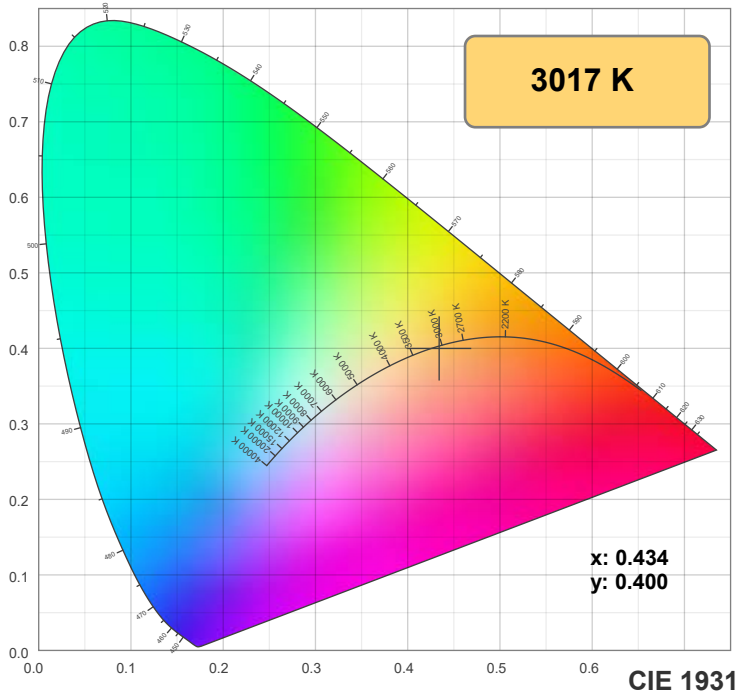
**Power: 14.6 W**

**PF: 0.99**

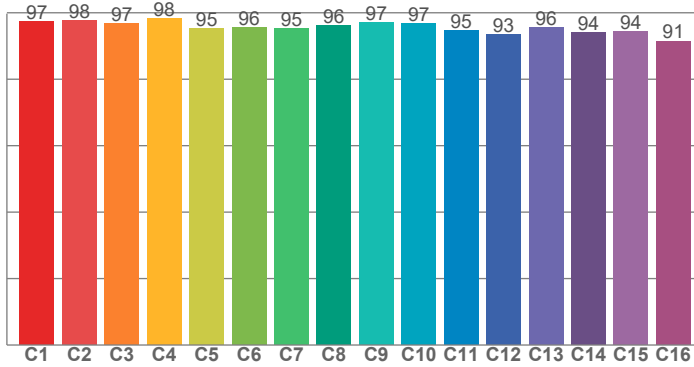
Spectra:



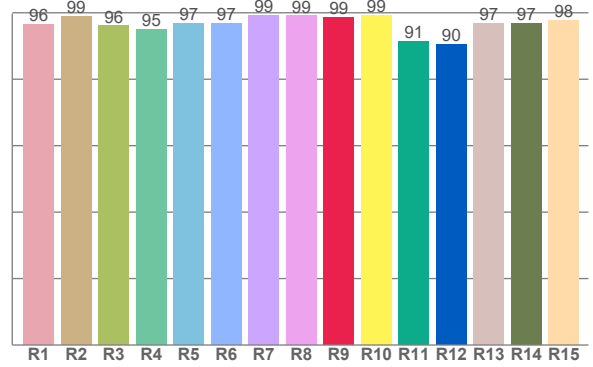
## Color Details



**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	98.9	96.0	94.9	96.8	96.7	99.1	99.1	98.6	99.1	91.5	90.5	96.7	96.7	97.7

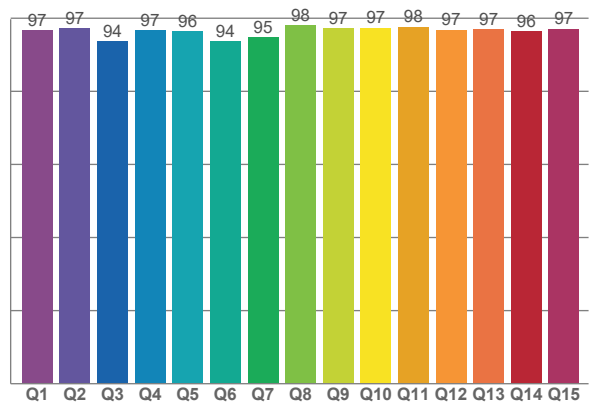
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.3	97.8	96.7	98.2	95.3	95.5	95.2	96.2	97.0	96.8	94.7	93.5	95.6	94.1	94.4	91.5

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
96.7	97.3	93.8	96.7	96.5	93.7	94.7	98.0	97.1	97.4	97.7	96.8	97.0	96.4	97.1

**CQS: 96.1**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
3017 K	97.2	98.6	95.9	102.6	96.1	0.434	0.400	0.251	0.346	-0.0013

# TM-30 Details

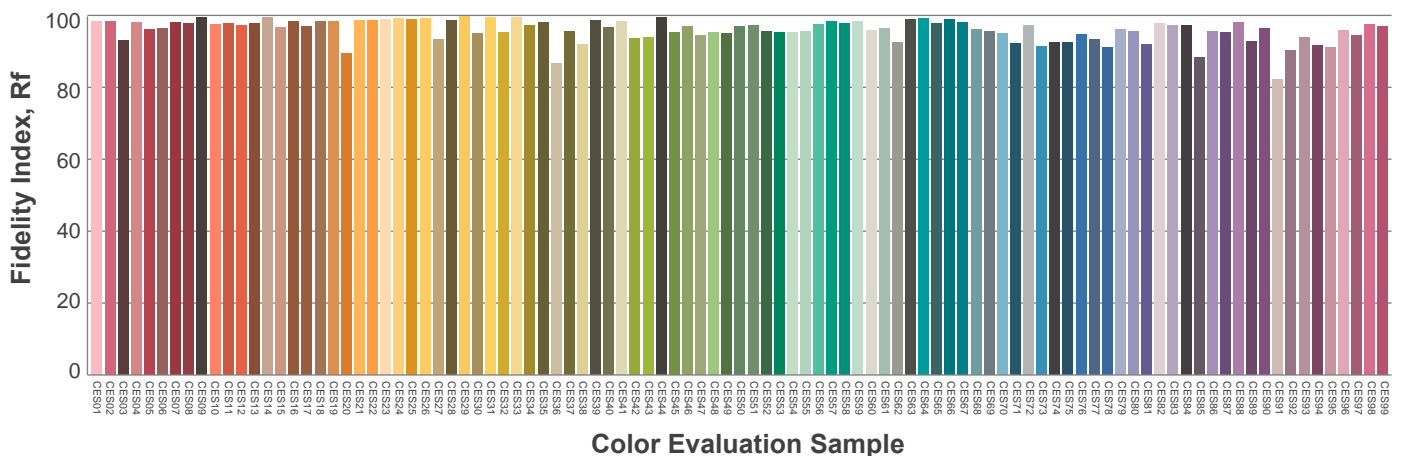
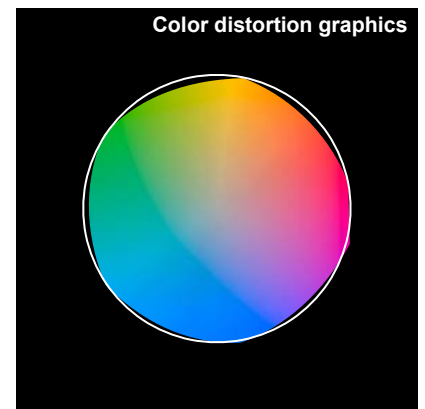
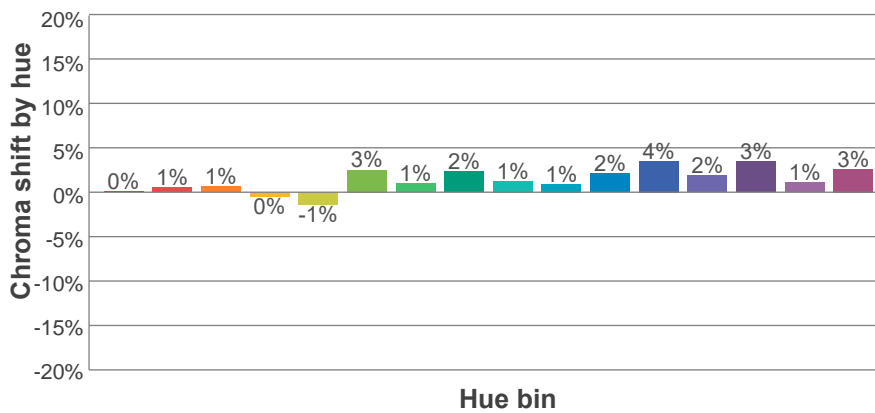
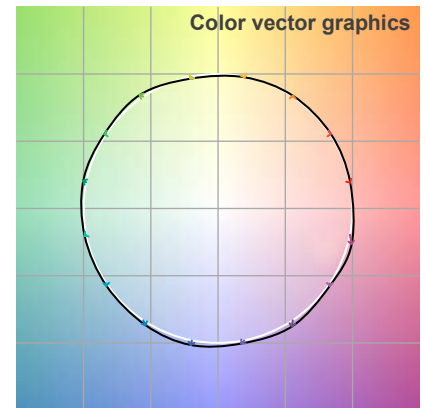
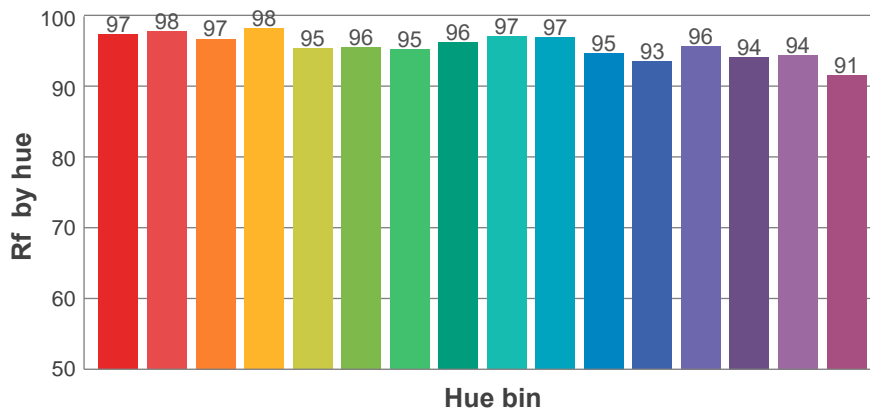
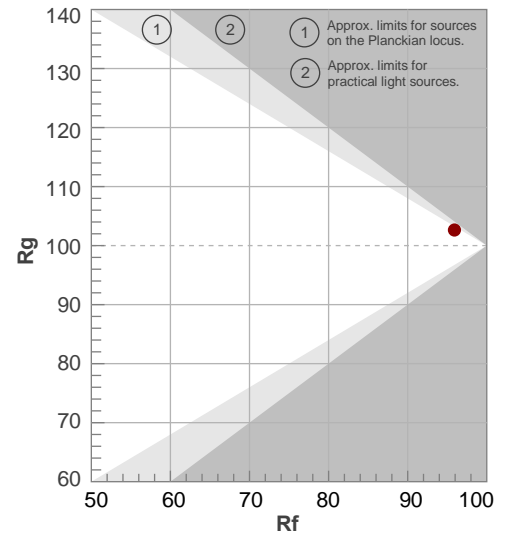
**Rf 95.9**

Fidelity index Rf

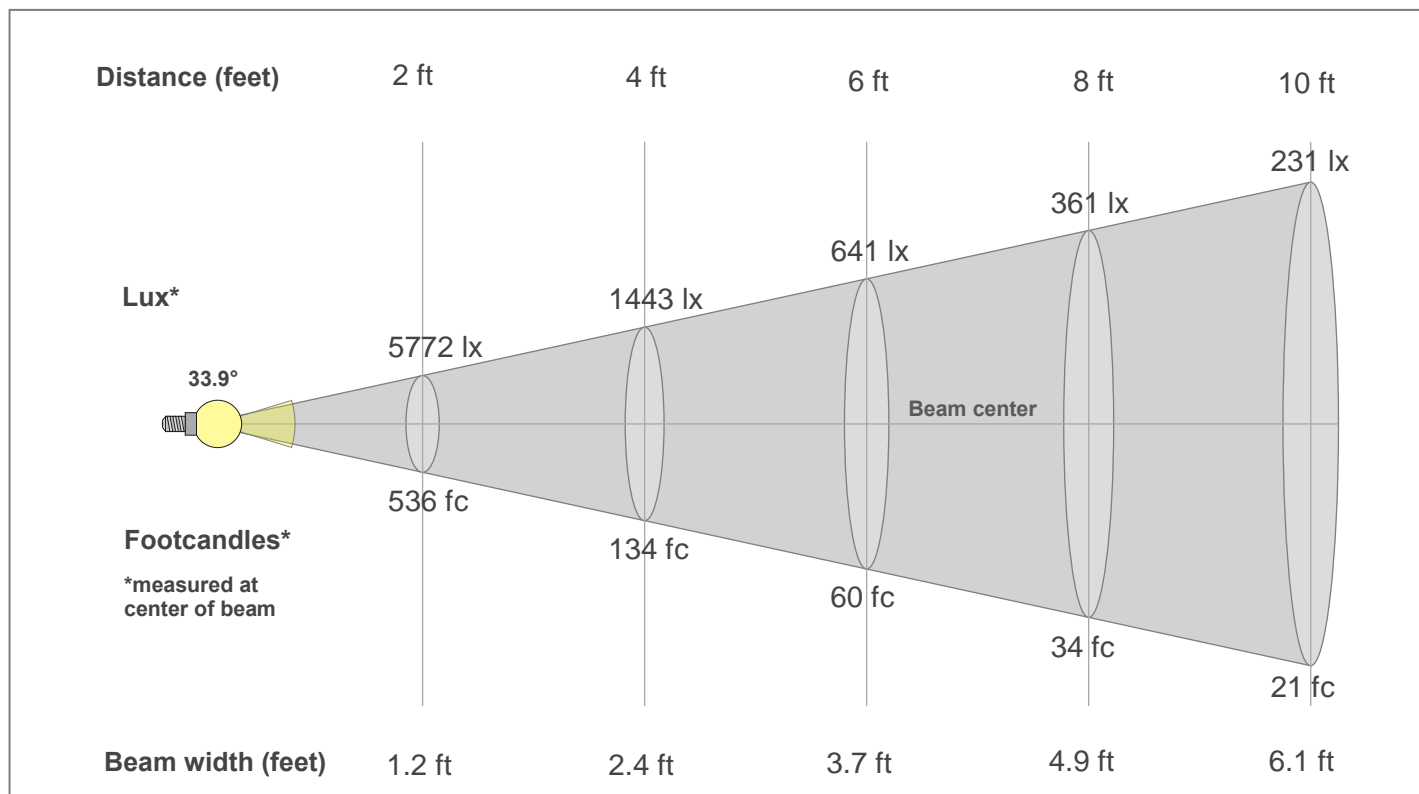
**Rg 102.6**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	97	0%	0%
2	98	1%	0%
3	97	1%	0%
4	98	0%	0%
5	95	-1%	1%
6	96	3%	2%
7	95	1%	1%
8	96	2%	-1%
9	97	1%	1%
10	97	1%	2%
11	95	2%	3%
12	93	4%	0%
13	96	2%	-3%
14	94	3%	-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
2145lx	536lx	238lx	134lx	86lx	60lx	44lx	34lx	26lx	21lx	18lx	15lx	13lx	11lx	10lx	8lx	7lx	7lx	6lx	5lx
199.3fc	49.8fc	22.1fc	12.5fc	8fc	5.5fc	4.1fc	3.1fc	2.5fc	2fc	1.6fc	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°
2145	2126	2062	1961	1834	1682	1514	1339	1157	975	804	655	533	434	352	283	224	178	140	110
100%	99%	96%	91%	86%	78%	71%	62%	54%	45%	37%	31%	25%	20%	16%	13%	10%	8%	7%	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°
2145	2124	2060	1963	1835	1684	1517	1340	1160	977	808	659	536	438	356	286	228	180	142	113
100%	99%	96%	91%	86%	79%	71%	62%	54%	46%	38%	31%	25%	20%	17%	13%	11%	8%	7%	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°
2145	2126	2062	1961	1834	1682	1514	1339	1157	975	804	655	533	434	352	283	224	178	140	110
100%	99%	96%	91%	86%	78%	71%	62%	54%	45%	37%	31%	25%	20%	16%	13%	10%	8%	7%	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°
2145	2124	2060	1963	1835	1684	1517	1340	1160	977	808	659	536	438	356	286	228	180	142	113
100%	99%	96%	91%	86%	79%	71%	62%	54%	46%	38%	31%	25%	20%	17%	13%	11%	8%	7%	5%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
33.9°	64.9°	88.3°	99.5%	96.8%