

## Photometric / Colorimetric / Electric Report

Fixture Model:

**805-J5-HI-3-10-PR1-8.5-350-FS-LG-P-1-WH-NL**

Trim Model:

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

Date:

**1/13/2025**



Light efficiency:

**66 Lumen/Watt**

Light quality:

**CRI: 95.1**

Color temperature:

**3048 K**

CIE 1931:

**x: 0.430  
y: 0.395**

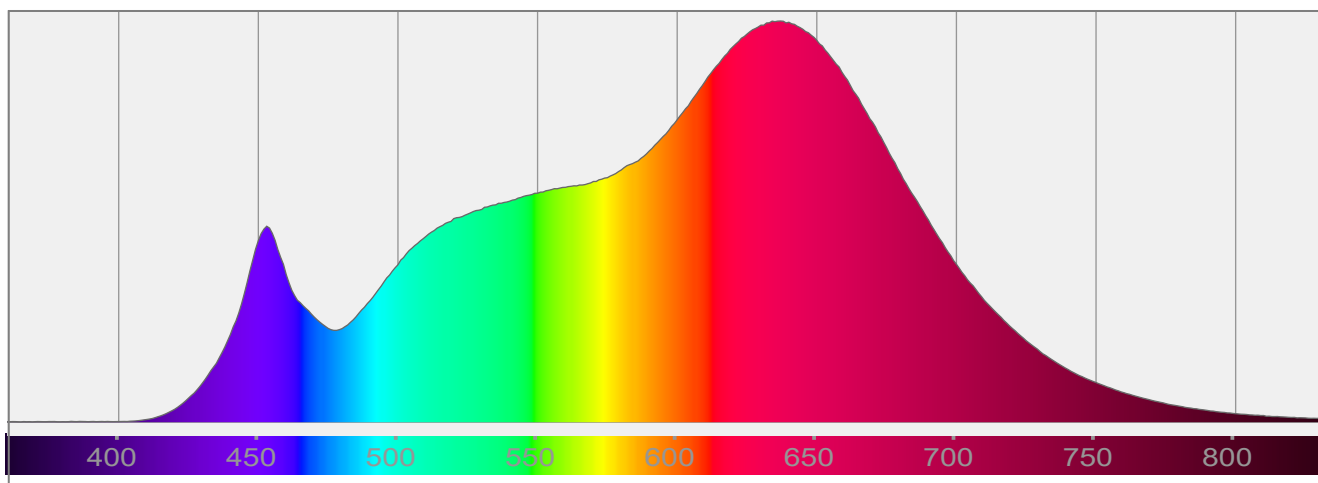
**Output: 959 lm**

**Peak: 12487 cd**

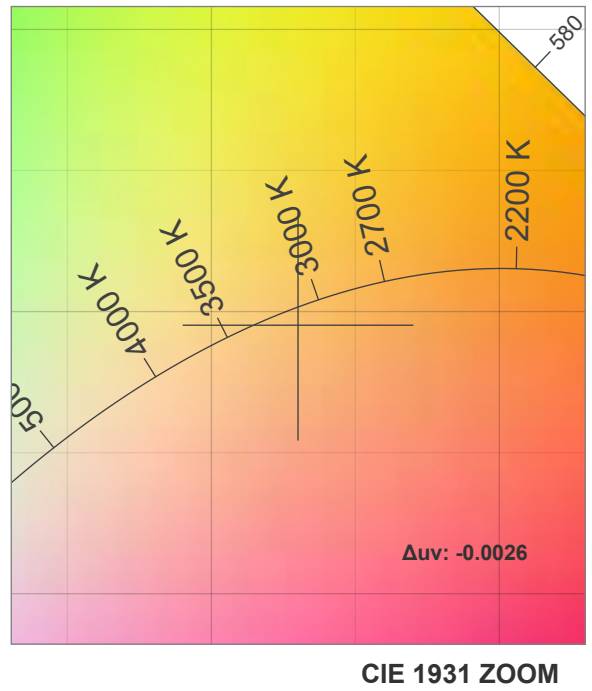
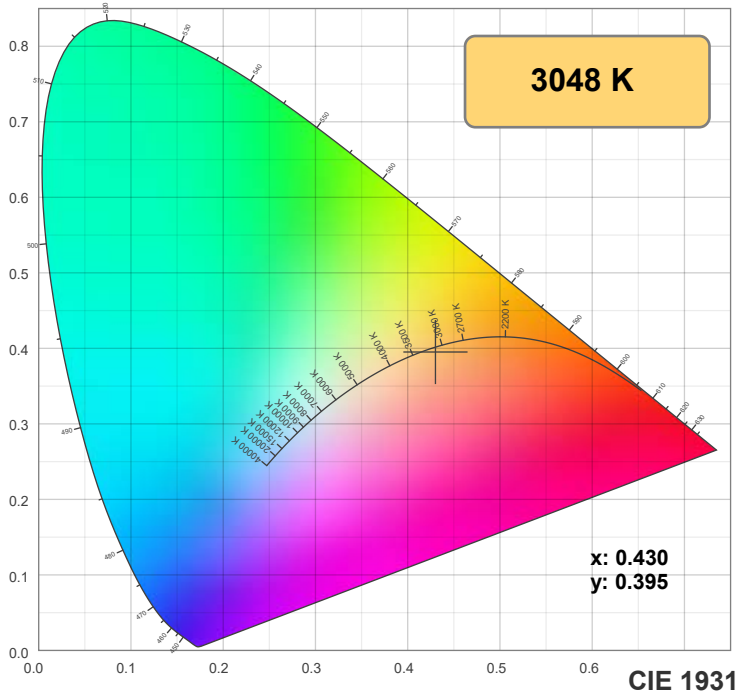
**Power: 14.6 W**

**PF: 0.99**

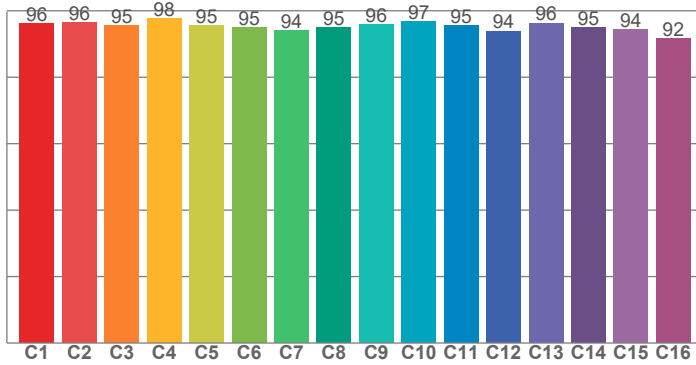
Spectra:



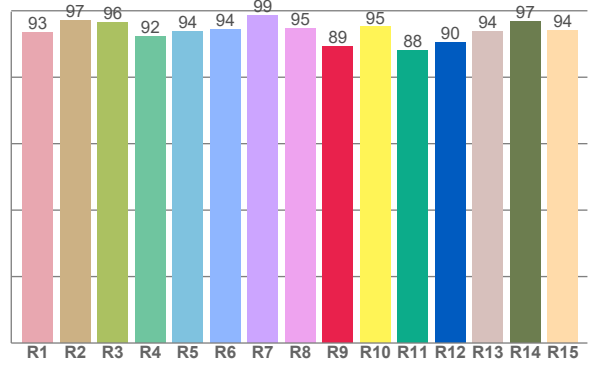
## Color Details



**TM-30: 95.5**



**CRI: 95.1 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93.4	97.1	96.4	92.2	93.7	94.4	98.6	94.7	89.2	95.1	88.0	90.4	93.8	96.8	94.0

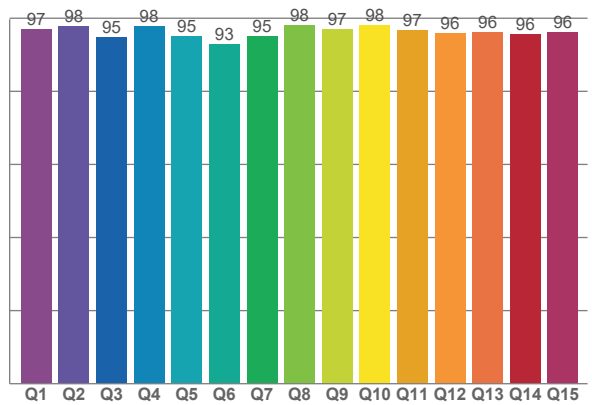
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
96.2	96.4	95.5	97.6	95.4	95.0	94.1	94.9	95.8	96.7	95.4	93.9	96.3	95.0	94.3	91.7

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
97.0	97.8	94.8	97.8	95.1	92.9	95.0	98.2	97.0	98.1	96.7	95.8	96.2	95.7	96.2

**CQS: 95.9**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3048 K	95.1	89.2	95.5	103.6	95.9	0.430	0.395	0.250	0.345	-0.0026

# TM-30 Details

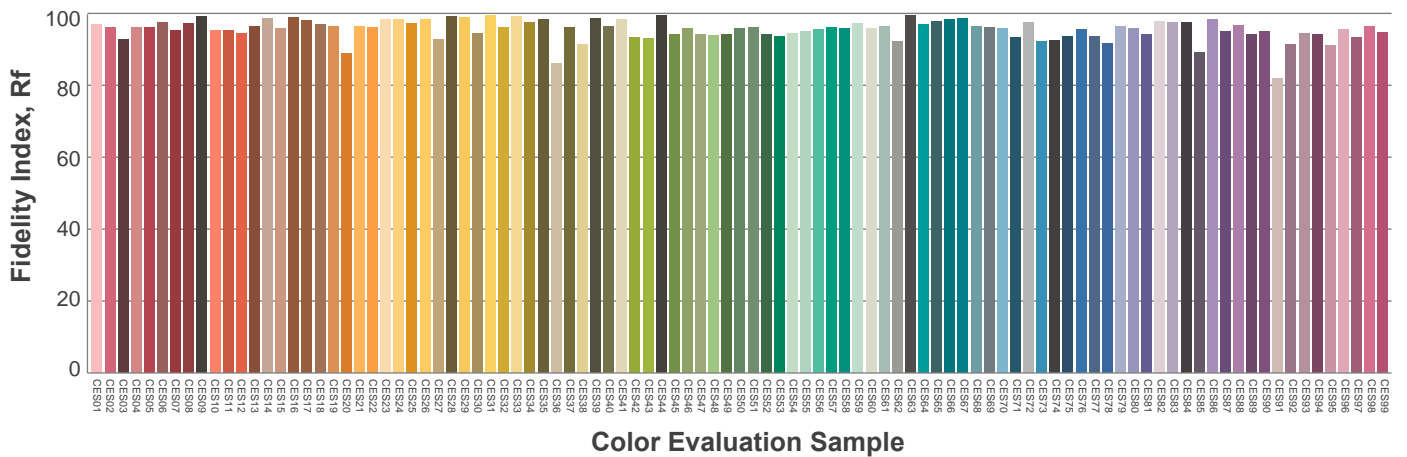
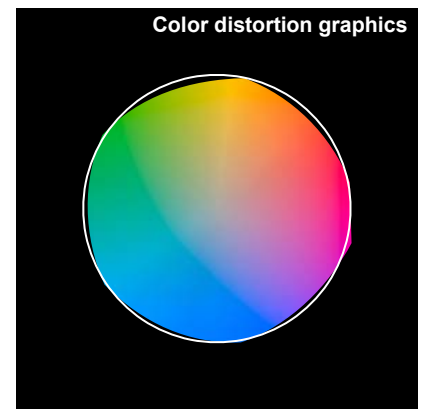
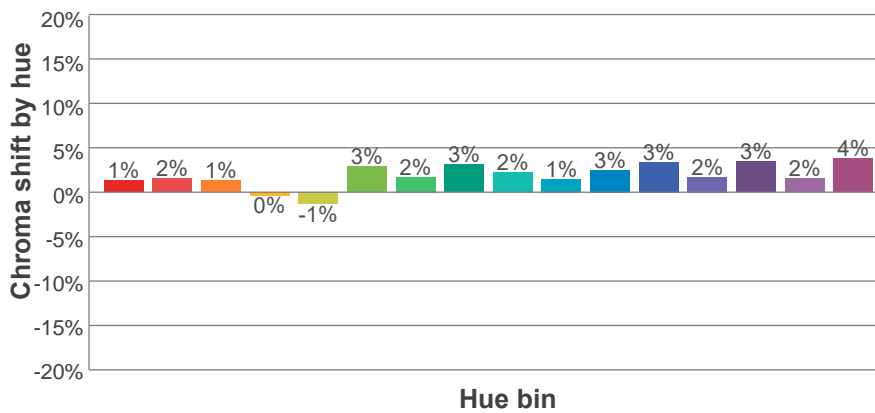
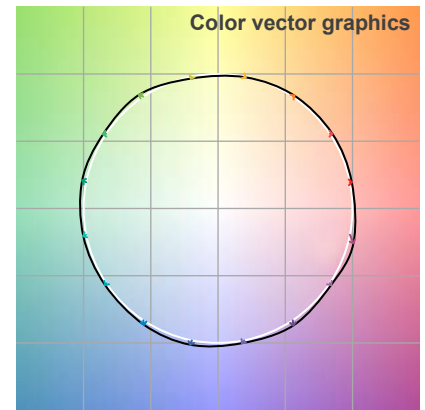
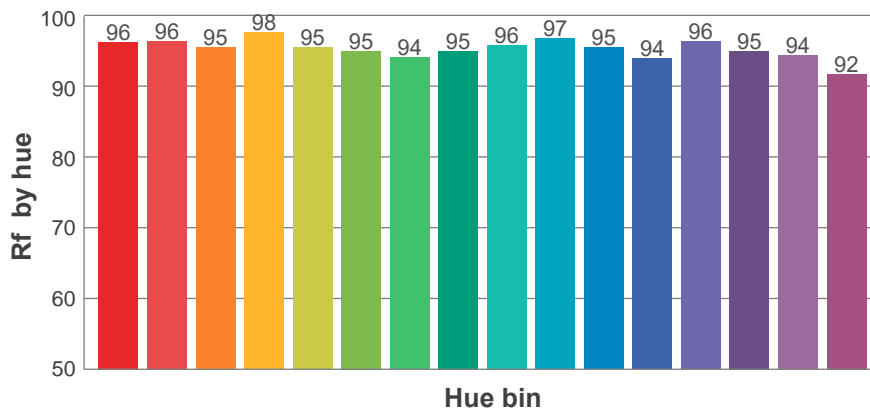
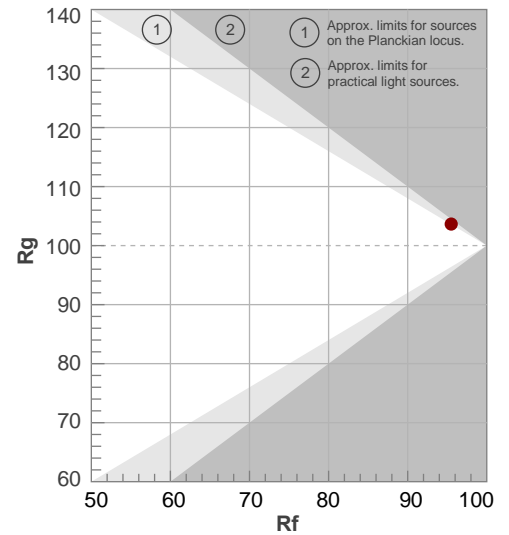
**Rf 95.5**

Fidelity index Rf

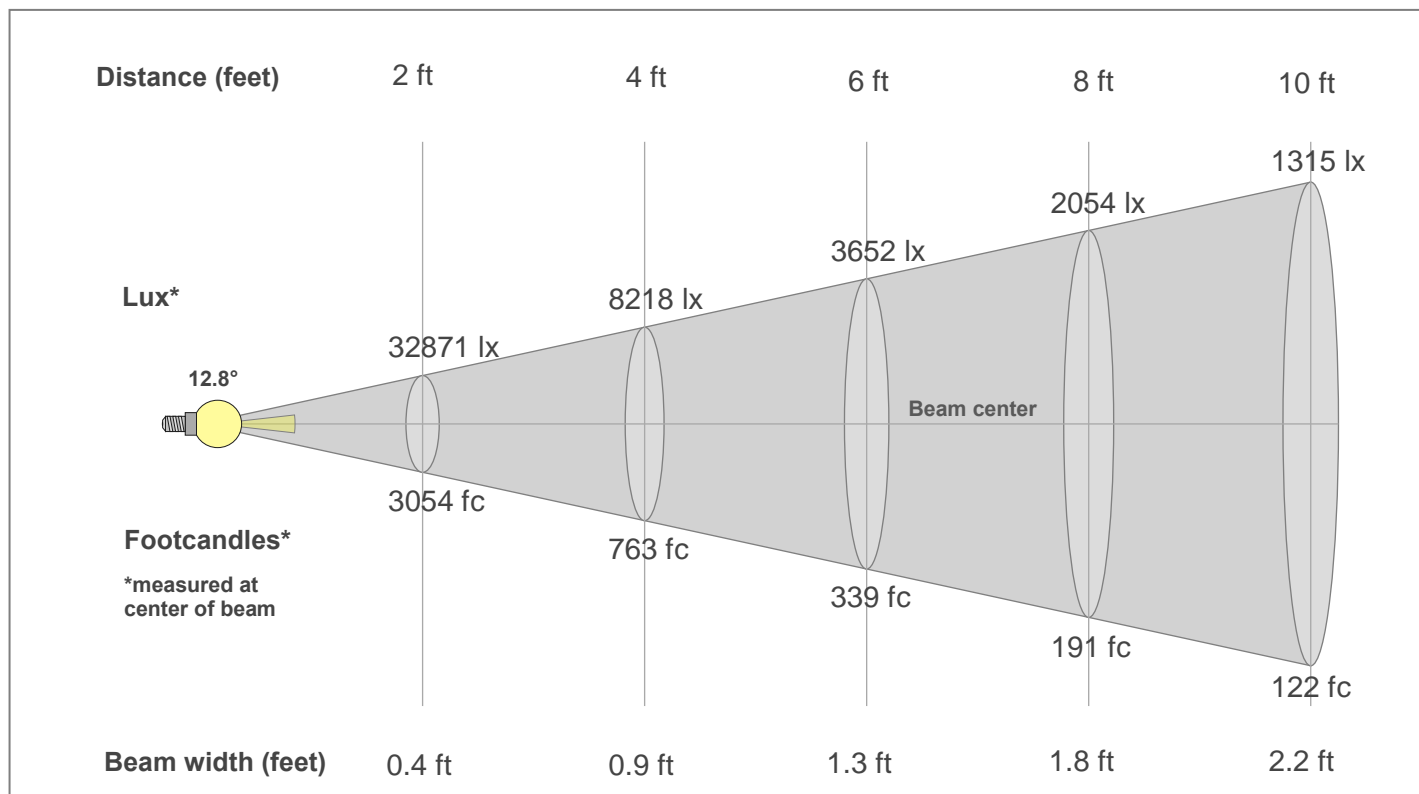
**Rg 103.6**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	96	1%	0%
2	96	2%	-1%
3	95	1%	-1%
4	98	0%	-1%
5	95	-1%	1%
6	95	3%	2%
7	94	2%	2%
8	95	3%	-1%
9	96	2%	1%
10	97	1%	1%
11	95	3%	2%
12	94	3%	0%
13	96	2%	-2%
14	95	3%	-2%
15	94	2%	-1%
16	92	4%	-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
12215lx	3054lx	1357lx	763lx	489lx	339lx	249lx	191lx	151lx	122lx	101lx	85lx	72lx	62lx	54lx	48lx	42lx	38lx	34lx	31lx
1134.8fc	283.7fc	126.1fc	70.9fc	45.4fc	31.5fc	23.2fc	17.7fc	14fc	11.3fc	9.4fc	7.9fc	6.7fc	5.8fc	5fc	4.4fc	3.9fc	3.5fc	3.1fc	2.8fc

### Intensities in 0° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
12.2K	12.4K	12.3K	11.4K	10.0K	8.4K	6.8K	5.4K	4.1K	3.1K	2.4K	1.9K	1.5K	1.2K	1.0K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	15%	12%	10%	9%	7%	6%	5%	4%	3%

### Intensities in 90° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
12.2K	12.5K	12.2K	11.4K	10.0K	8.4K	6.8K	5.4K	4.1K	3.2K	2.4K	1.9K	1.5K	1.3K	1.1K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	16%	13%	10%	9%	7%	6%	5%	4%	3%

### Intensities in 180° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
12.2K	12.4K	12.3K	11.4K	10.0K	8.4K	6.8K	5.4K	4.1K	3.1K	2.4K	1.9K	1.5K	1.2K	1.0K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	15%	12%	10%	9%	7%	6%	5%	4%	3%

### Intensities in 270° c-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
12.2K	12.5K	12.2K	11.4K	10.0K	8.4K	6.8K	5.4K	4.1K	3.2K	2.4K	1.9K	1.5K	1.3K	1.1K	0.9K	0.7K	0.6K	0.5K	0.4K
100%	102%	100%	93%	82%	69%	56%	44%	34%	26%	20%	16%	13%	10%	9%	7%	6%	5%	4%	3%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
12.8°	26.1°	41.4°	99.4%	98.8%