

Photometric / Colorimetric / Electric Report

Fixture Model:

805-J5-HI-3-15-PR1-8.5-350-FR-LG-P-1-WH-NL

Trim Model:

FR-LG-P-1-WH/NL

Date:

1/10/2025



Light efficiency:

64 Lumen/Watt

Light quality:

CRI: 97.2

Color temperature:

3008 K

CIE 1931:

**x: 0.435
y: 0.401**

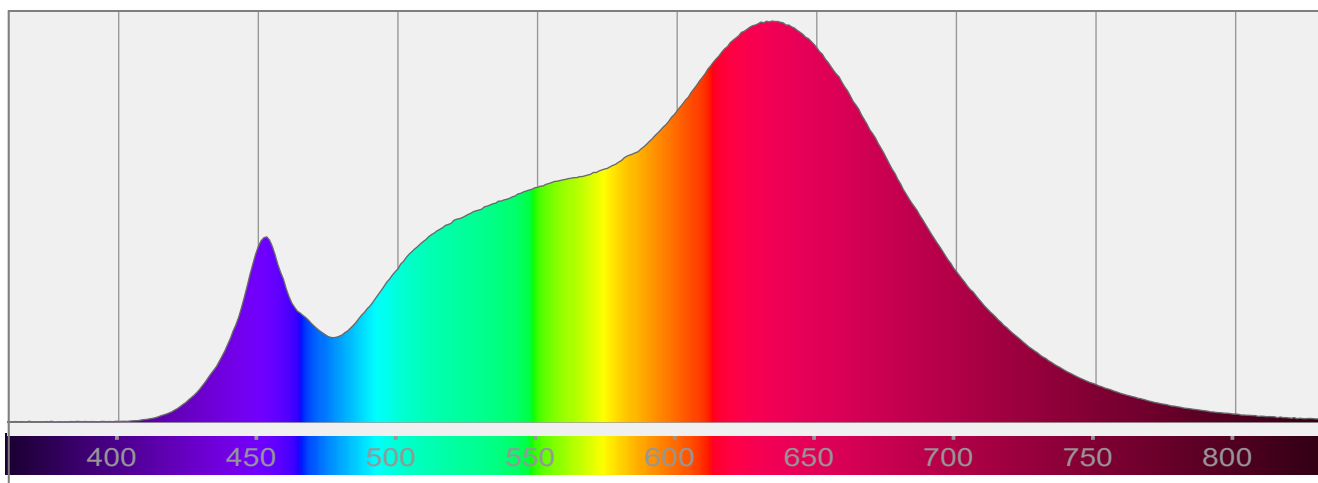
Output: 939 lm

Peak: 7853 cd

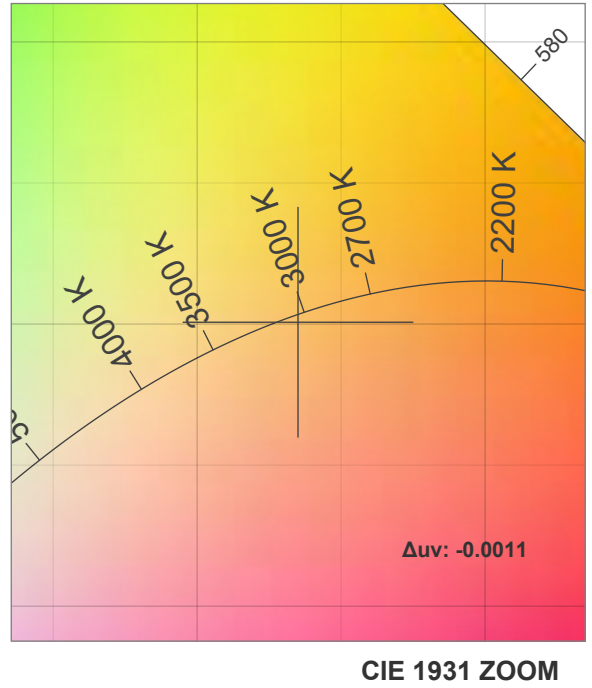
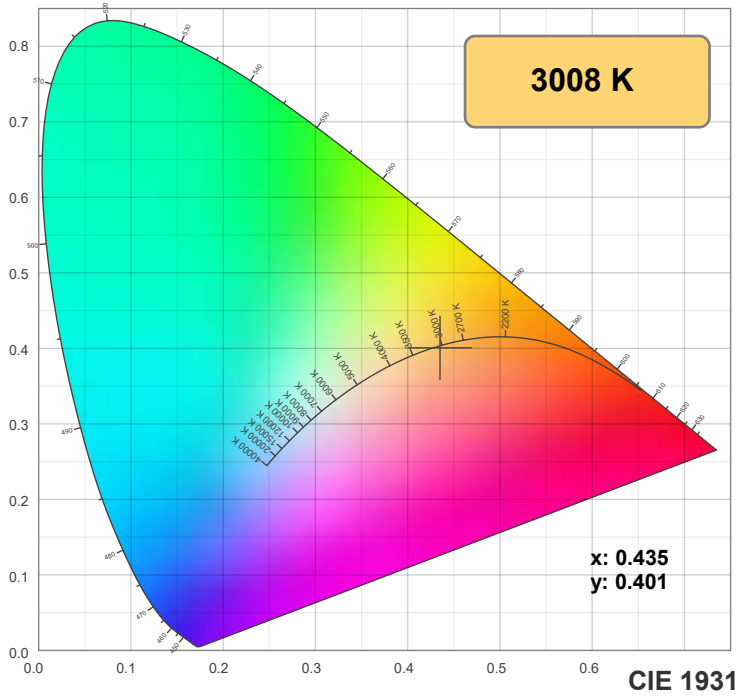
Power: 14.8 W

PF: 0.99

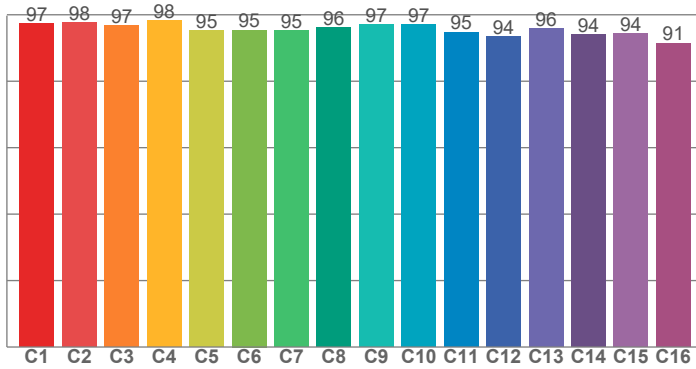
Spectra:



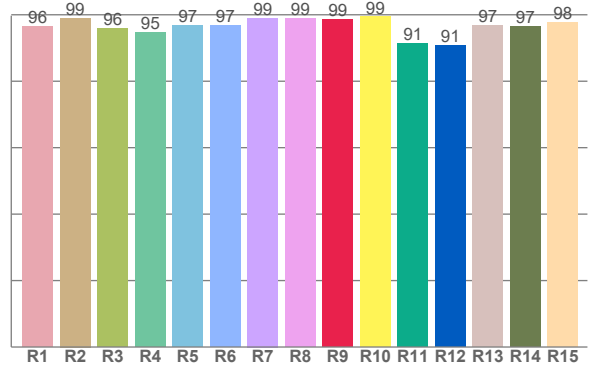
Color Details



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	94.7	96.8	96.9	99.0	98.8	98.5	99.3	91.3	90.6	96.8	96.5	97.2

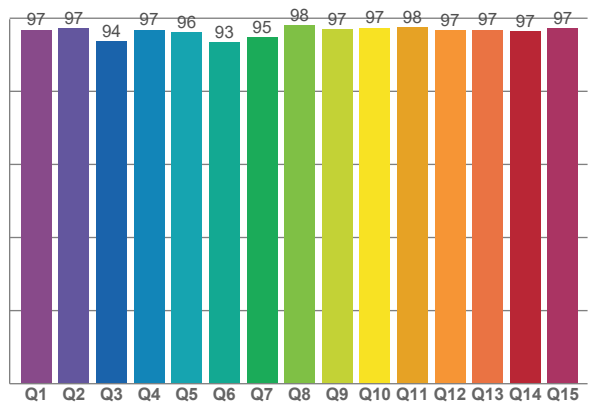
TM30 C Values:

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
97.2	97.7	96.7	98.2	95.4	95.4	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	96.9	96.2	93.5	94.7	98.1	97.0	97.4	97.6	96.7	96.8	96.5	97.2

CQS: 96.0



Color Parameters:

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3008 K	97.2	98.5	95.9	102.7	96.0	0.435	0.401	0.251	0.346	-0.0011

TM-30 Details

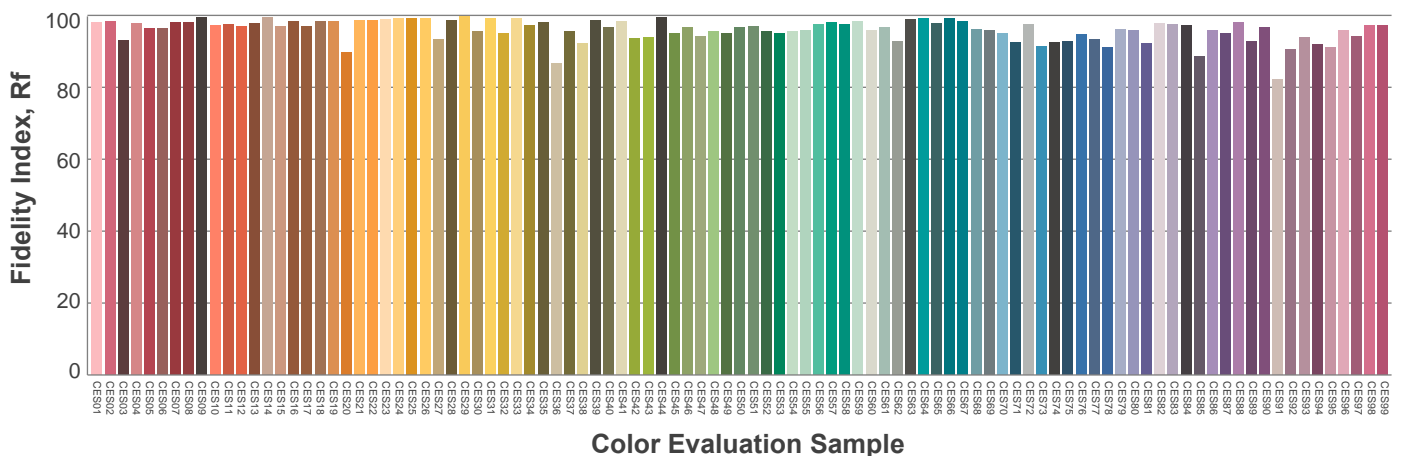
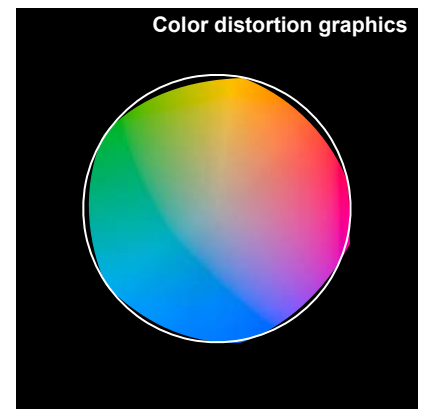
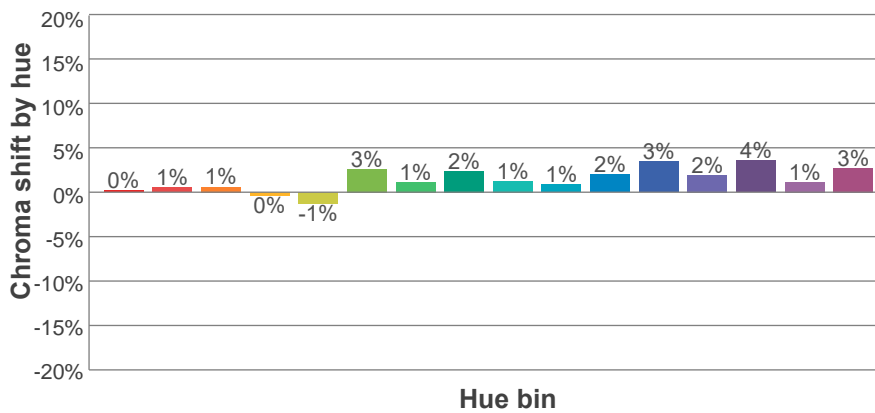
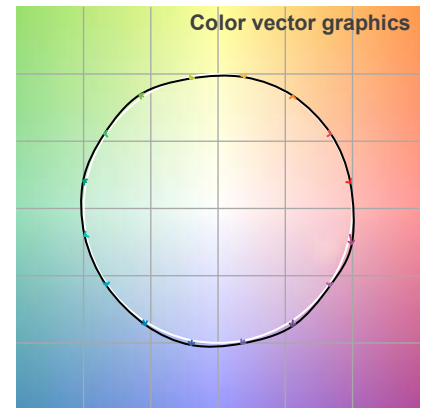
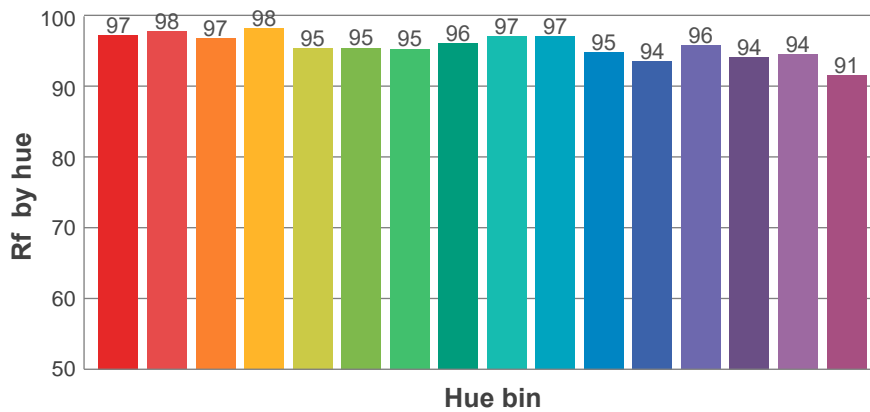
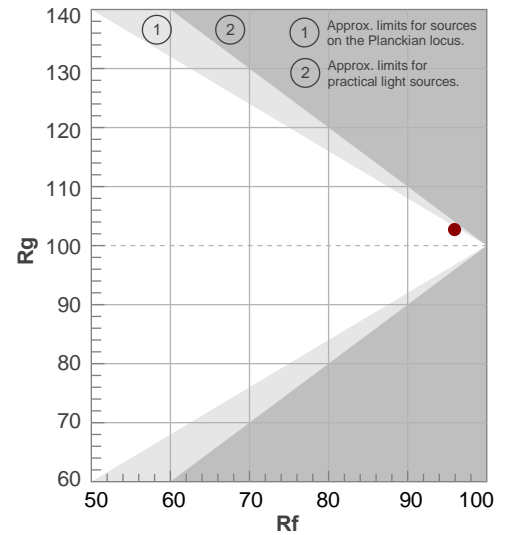
Rf 95.9

Fidelity index Rf

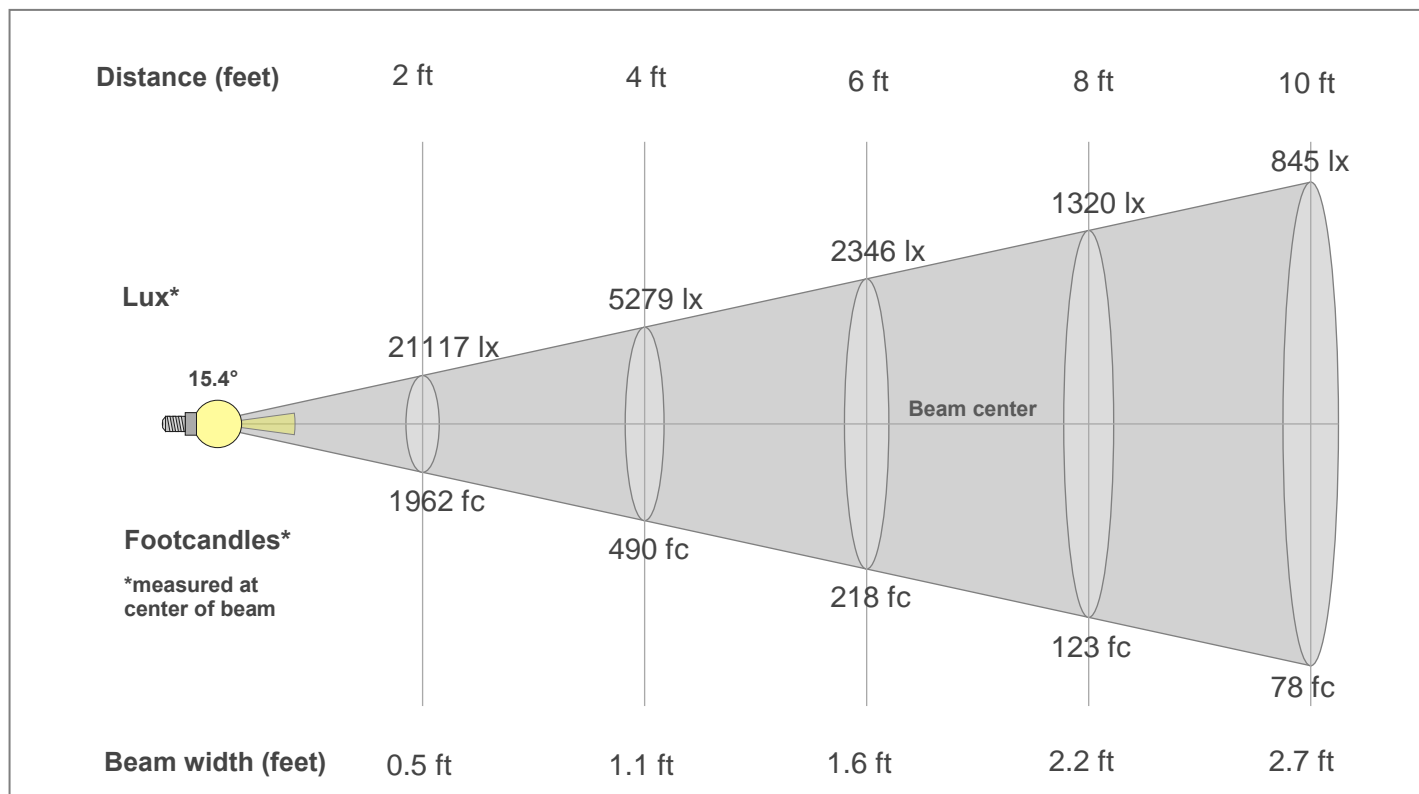
Rg 102.7

Gamut index Rg

Hue Bin	R _f	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
7847lx	1962lx	872lx	490lx	314lx	218lx	160lx	123lx	97lx	78lx	65lx	54lx	46lx	40lx	35lx	31lx	27lx	24lx	22lx	20lx
729.1fc	182.3fc	81fc	45.6fc	29.2fc	20.3fc	14.9fc	11.4fc	9fc	7.3fc	6fc	5.1fc	4.3fc	3.7fc	3.2fc	2.8fc	2.5fc	2.3fc	2fc	1.8fc

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°
7847	7759	7461	6999	6411	5751	5055	4361	3718	3143	2628	2190	1819	1511	1252	1038	866	725	610	517
100%	99%	95%	89%	82%	73%	64%	56%	47%	40%	33%	28%	23%	19%	16%	13%	11%	9%	8%	7%

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°
7847	7753	7461	7013	6455	5788	5086	4400	3746	3165	2654	2220	1849	1534	1274	1064	886	743	628	536
100%	99%	95%	89%	82%	74%	65%	56%	48%	40%	34%	28%	24%	20%	16%	14%	11%	9%	8%	7%

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°
7847	7759	7461	6999	6411	5751	5055	4361	3718	3143	2628	2190	1819	1511	1252	1038	866	725	610	517
100%	99%	95%	89%	82%	73%	64%	56%	47%	40%	33%	28%	23%	19%	16%	13%	11%	9%	8%	7%

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°
7847	7753	7461	7013	6455	5788	5086	4400	3746	3165	2654	2220	1849	1534	1274	1064	886	743	628	536
100%	99%	95%	89%	82%	74%	65%	56%	48%	40%	34%	28%	24%	20%	16%	14%	11%	9%	8%	7%

Beam angle 50%	Field angle 10%	Cut-off angle 2.5%	Intensity ratio in 120°	Intensity ratio in 90°
15.4°	33.2°	52.6°	99.4%	98.3%