

Photometric / Colorimetric / Electric Report

Fixture Model:

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

Trim Model:

FR-LG-P-1-WH/NL

Date:

1/10/2025



Light efficiency:

62 Lumen/Watt

Light quality:

CRI: 97.2

Color temperature:

3015 K

CIE 1931:

**x: 0.434
y: 0.400**

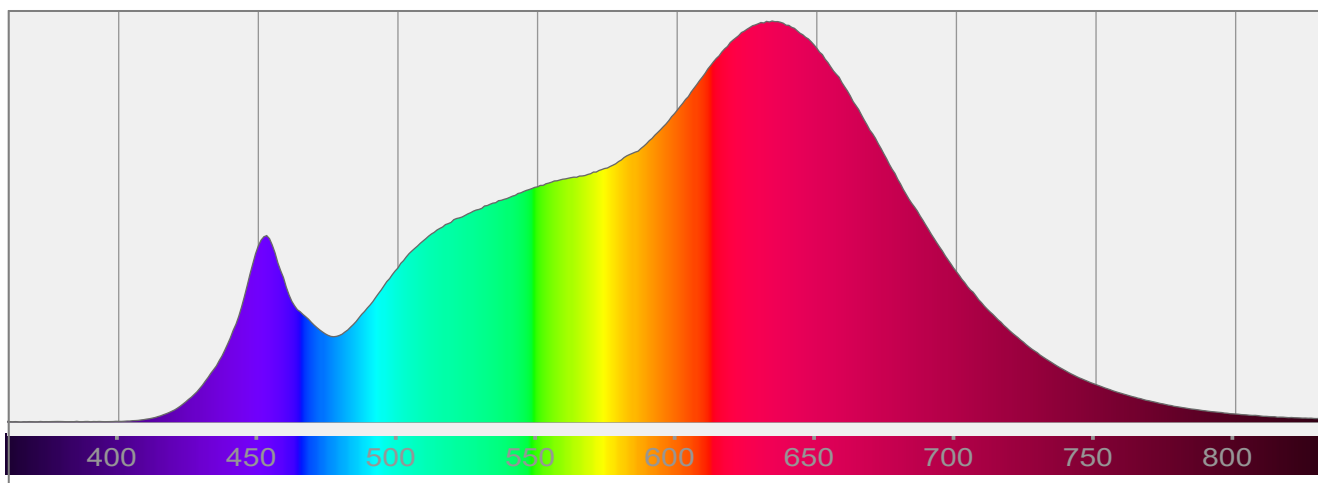
Output: 910 lm

Peak: 2164 cd

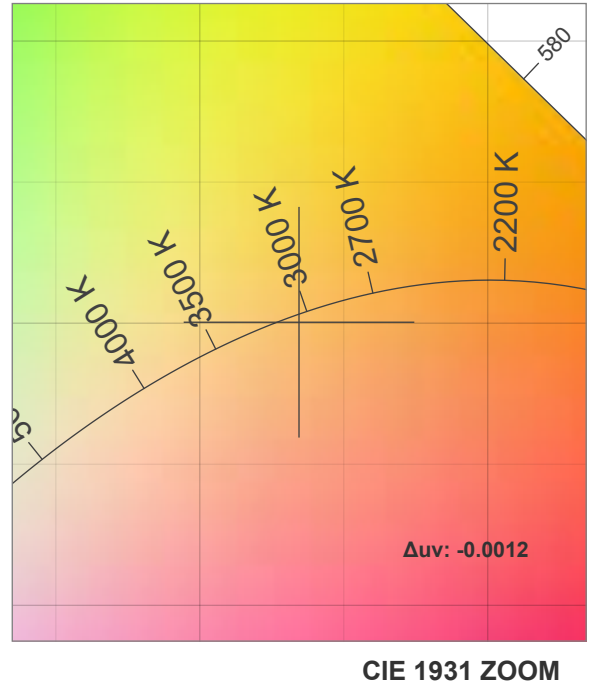
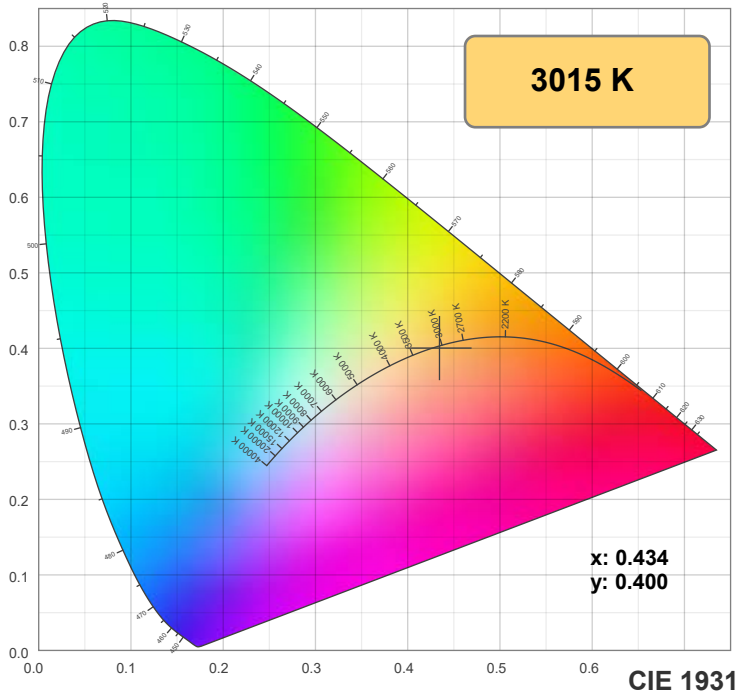
Power: 14.7 W

PF: 0.99

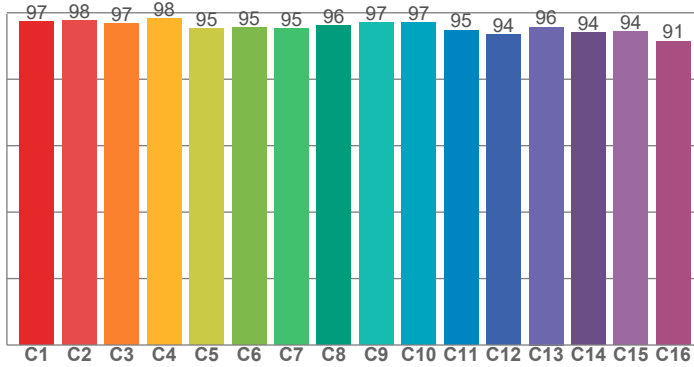
Spectra:



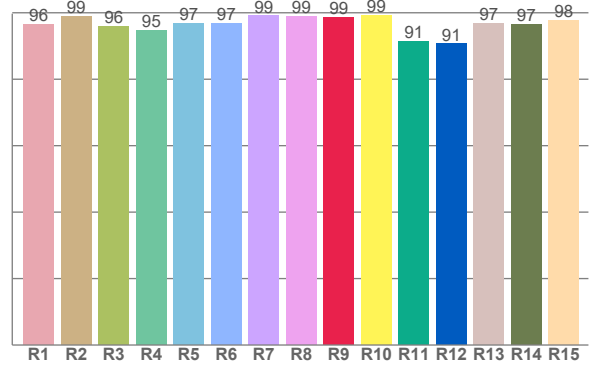
Color Details



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	94.7	96.8	96.9	99.0	98.8	98.6	99.3	91.3	90.6	96.8	96.6	97.2

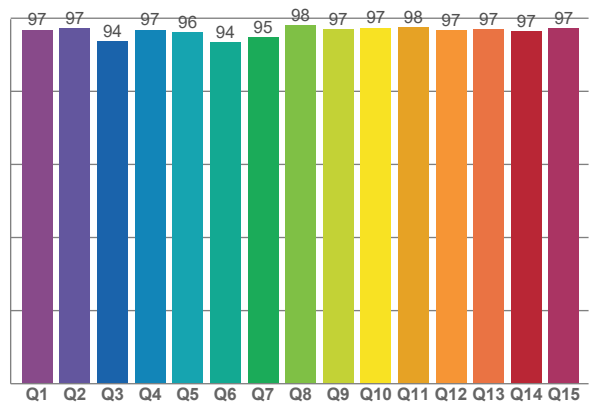
TM30 C Values:

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	96.8	96.3	93.5	94.7	98.1	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
3015 K	97.2	98.6	95.9	102.7	96.1	0.434	0.400	0.251	0.346	-0.0012

TM-30 Details

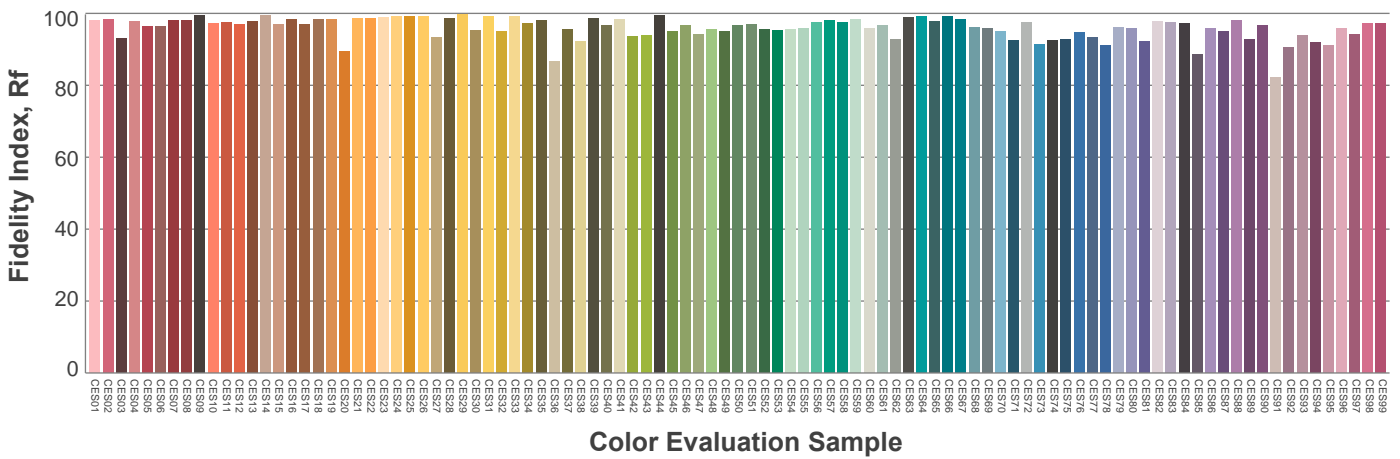
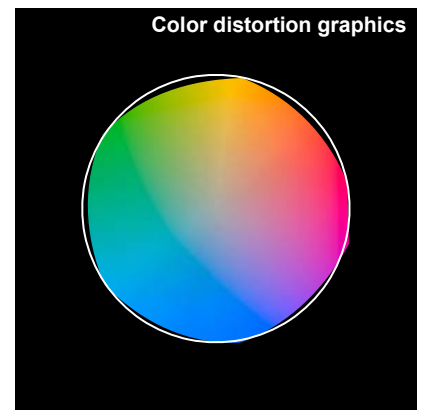
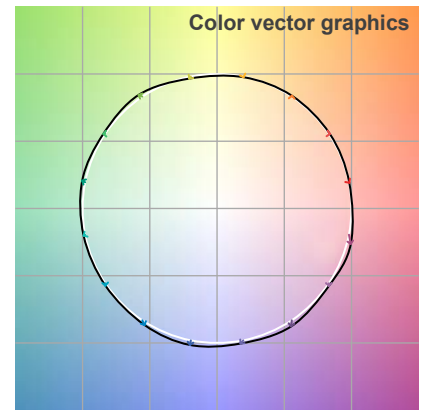
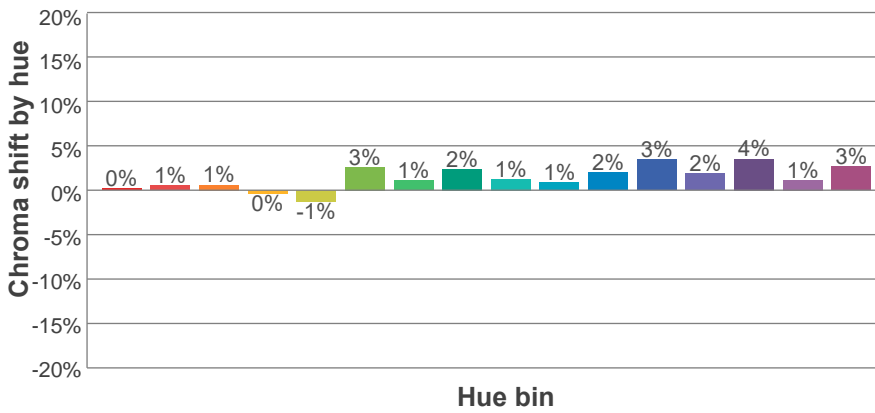
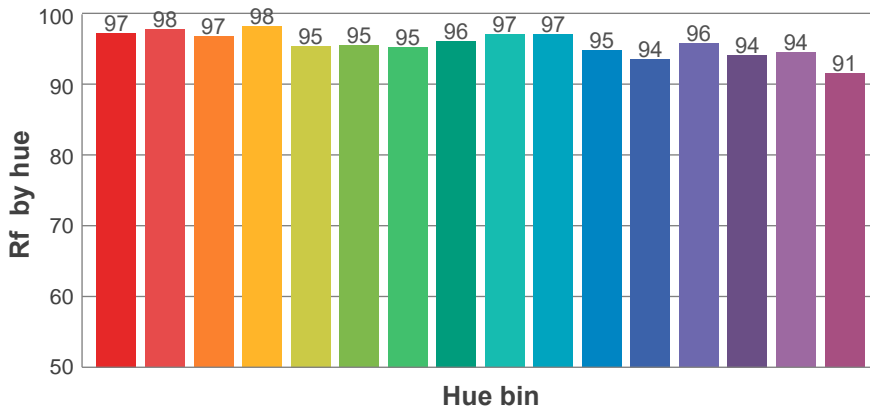
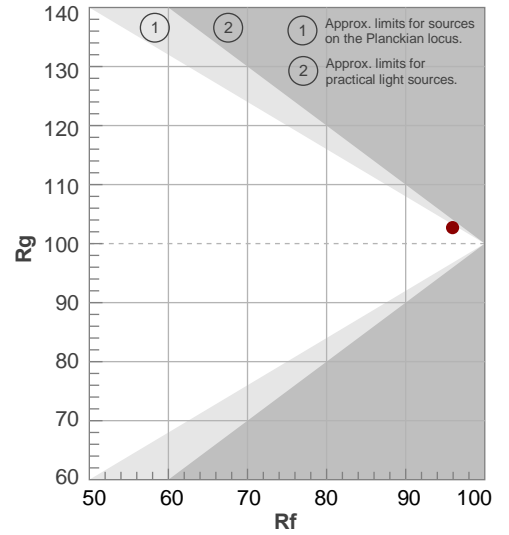
Rf 95.9

Fidelity index R_f

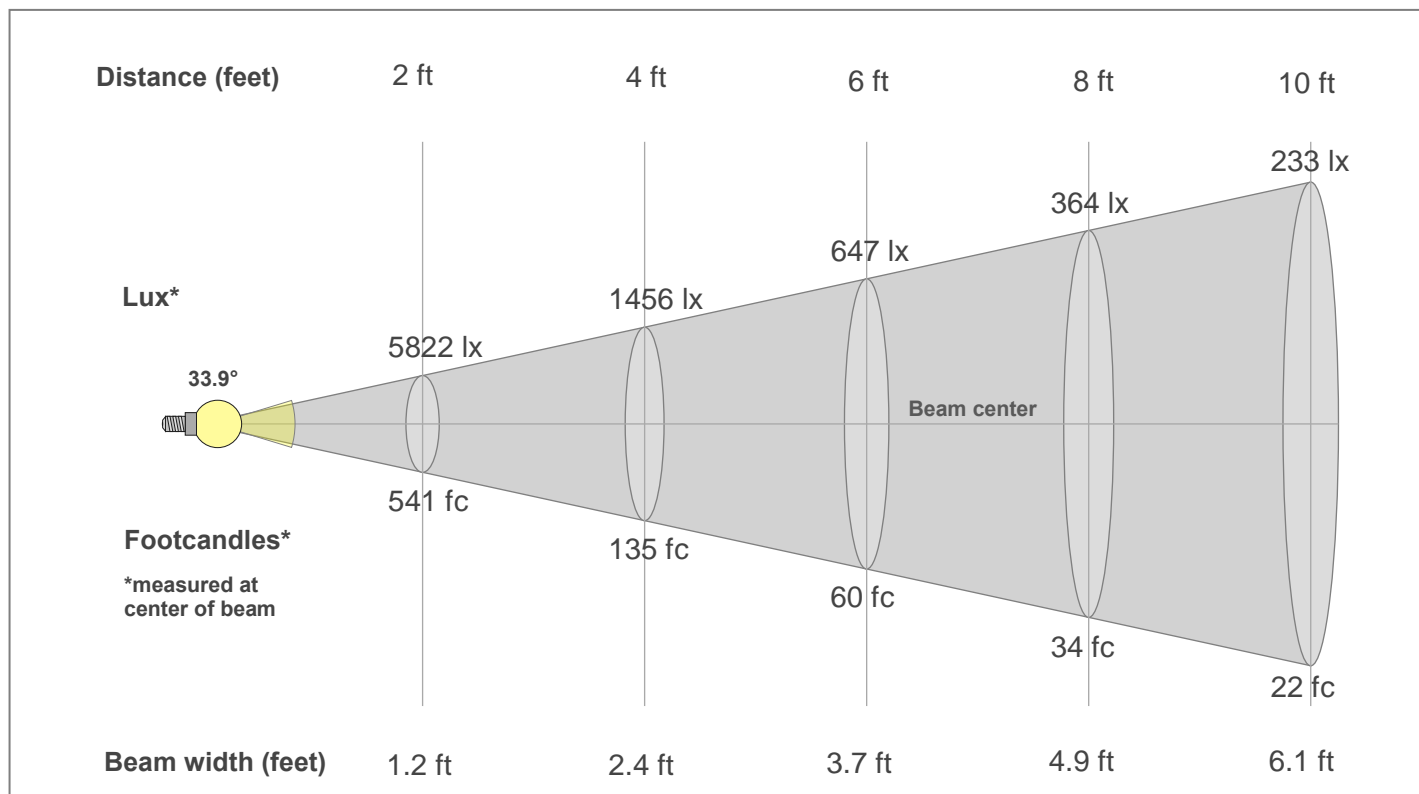
Rg 102.7

Gamut index Rg

		Shifts (%)	
Hue Bin	R_T	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
201fc	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	2144	2079	1979	1851	1697	1528	1350	1168	984	812	661	537	439	356	286	228	180	142	112
100%	99%	96%	91%	86%	78%	71%	62%	54%	45%	38%	31%	25%	20%	16%	13%	11%	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°
2164	2142	2078	1980	1851	1697	1530	1352	1169	986	815	666	541	443	359	289	230	182	143	113
100%	99%	96%	92%	86%	78%	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°
2164	2144	2079	1979	1851	1697	1528	1350	1168	984	812	661	537	439	356	286	228	180	142	112
100%	99%	96%	91%	86%	78%	71%	62%	54%	45%	38%	31%	25%	20%	16%	13%	11%	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°
2164	2142	2078	1980	1851	1697	1530	1352	1169	986	815	666	541	443	359	289	230	182	143	113
100%	99%	96%	92%	86%	78%	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°	65°	88.2°	99.5%	96.9%